

No.	Main Proposer	City in Japan	Area/City	Country	Project Name	Field	Project Description
01	Japan NUS Co., Ltd.	Toyama City	Badung regency	Indonesia	City to city Collaboration Project for developing a Decarbonized and Circular Society in Toyama City with Badung Regency	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Transportation •Institutional Building Support 	The biggest challenges for Badung Regency, Bali Province are MSW and wastewater treatment. This project will consider measures to address these challenges based on optimal equipment engineering. It will aim to apply the maximum amount of decarbonization technology as well. For example, a feasibility study will be conducted on a project to reduce incineration by separating mixed waste to composting and pyrolysis. In addition, this project will strongly support the creation of plans aimed at decarbonization declarations. Particular focus will be plans and declarations in the waste sector. Furthermore, by responding to the decarbonization needs of surrounding municipalities, will increase the momentum for decarbonization and promoting circular economy throughout the entire province of Bali.
02	Nippon Koei Co., Ltd.	City of Yokohama	Metro Cebu Area	Philippines	Project for Promoting Decarbonized City Development and Disaster Resilience Enhancement in Metro Cebu	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Transportation •Institutional Building Support •Others (Green Infrastructure) 	In the Metro Cebu area, which is prone to typhoon disasters, this project will study the introduction of renewable energy to public and private facilities that will serve as regional disaster prevention centers, as well as the development of environmental infrastructure that will contribute to the creation of a disaster-resilient city. In addition, the project will share Yokohama City's knowledge on regional disaster prevention in the Metro Cebu area. Furthermore, studies will be conducted for various JCM projects, including preliminary study for "Waste-to-energy generation from disaster waste" and feasibility study for "Usage of renewable energy and introduction of energy-saving technologies in buildings at regional disaster prevention centers".
03	Global Environment Centre Foundation	Osaka City	Maharashtra State	India	Maharashtra State - Osaka City Collaboration Project to promote the introduction of decarbonization technologies towards achieving carbon neutrality	<ul style="list-style-type: none"> •Renewable Energy •Waste Management •Institutional Building Support •Hydrogen Technology •Others (Methanation) 	<p>(1) Conducting FSs</p> <p>1) e-methane project utilizing green hydrogen and biogas-derived CO₂ Investigate the status of local biogas plants, potential users of compressed biogas (CBG), and other market research, including applicable laws and regulations related to CBG and green hydrogen.</p> <p>2) Green Hydrogen Production and Utilization Project Investigate information on markets and preferential policies, laws and regulations and standards related to green hydrogen, and potential applications etc.</p> <p>(2) Policy dialogue between Osaka city and MPCB/MEDA</p> <p>(3) Holding the Workshop</p>
04	Nippon Koei Co., Ltd.	Osaka City	Pattaya City/Rayong City	Thailand	Support for Designing Decarbonization Society in Pattaya City and Rayong City in FY2025	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Transportation •Institutional Building Support •DX •Smart City Development 	In this city-to-city collaboration project, Osaka City, one of Japan's leading tourist and industrial cities, will support institution-building and decarbonization efforts in the two cities, which have different characteristics as a tourist city (Pattaya City) and an industrial hub city (Rayong City), by sharing know-how on Global warming Countermeasures and considering the development of initiatives of Decarbonization Leading Area. Furthermore, this project will support the implementation of decarbonization projects in both cities by introducing energy-saving (heat pumps, high-efficiency air conditioning), renewable energy (perovskite, waste to energy generation), and biomass (biomass power generation, biochar) technologies as JCM project formation or carbon credit issuance project.
05	Nippon Koei Co., Ltd.	City of Yokohama	Makassar City	Indonesia	Zero carbon city project with focus on transportation and energy through City-to-City Collaboration between Makassar City and City of Yokohama	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Transportation •Institutional Building Support •DX 	This project will promote decarbonization of Makassar City by implementing collaboration activities in transportation and energy sectors. The knowledge and experiences of City of Yokohama on decarbonization leading areas and Green Building certification system will be shared and the studies for JCM project identification and formulation will be conducted, including the business scheme consideration for "Autonomous and Real-Time Signal Control", basic survey for "Battery Swapping EV bus", the project formulation for "Solar-Powered EV Bike Battery Station", Preparation of the project proposal for "Cement Waste Heat Recovery Power Generation" and the project formulation for "Citywide Renewable Energy Utilization and Building Energy Conservation".

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06	Nippon Koei Co., Ltd.	City of Shizuoka	Thuan Hoa District, Hue City (Hue area)	Vietnam	City-to-City Collaboration Project for the Realization of Decarbonized Society in Hue area, Vietnam	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Institutional Building Support •DX •Smart City Development •Others (CCU) 	Hue area, centered on Thuan Hoa district, Hue City, is expected to develop further with the new establishment of the centrally-run city. In this project, Shizuoka City will share its experiences and knowledges on local decarbonization initiatives and consider specific support to promote the Climate Change Action Plan of Hue City. In addition, this project aims to develop the JCM model project for factories, hotels, etc. on energy-saving and other areas, as well as the introduction of unique decarbonization technologies owned by local Shizuoka companies such as CCU, and the introduction of natural gas to industrial parks. Thereby, this project will contribute to achieving carbon neutrality based on the characteristics of Hue area, such as a tourist city and a green city development.
07	Oriental Consultants Co., Ltd.	Sakai City	Da Nang City	Vietnam	Zero Carbon Development in Da Nang City for the Realization of Carbon Neutral Society	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Institutional Building Support •Hydrogen Technology •Others (Port infrastructure) 	This project will contribute to the realization of a zero carbon society by supporting the efforts of Da Nang City, Vietnam related to energy conservation and renewable energy at their port and industrial parks. In the second year of this project, with the aim of JCM project development, decarbonization technologies/products for ports, factories, and warehouses will be selected and a seminar and business matching will be organized for relevant Japanese and local businesses. Support will also be provided for institution building and planning through the sharing of Sakai City's environmental measures and support for the development of a draft port decarbonization promotion plan.
08	Nippon Koei Co., Ltd.	Kobe City	Dong Nai Province	Vietnam	Green - Smart Industrial Park Development Project by City-to-City Collaboration between Kobe City and Dong Nai Province, Vietnam	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Institutional Building Support •DX •Smart City Development •Others (Industrial Park) 	We will newly build city-to-city collaboration project between Kobe City and Dong Nai Province. And we will carried out a green smart industrial park (IP) formation project for existing and new IP invested by Kobe-related companies, Sojitz and Shinko Environmental Solutions. Under this collaboration, "on-site seminars" and "Inspection to eco industrial parks" are planned to deepen the knowledge on Eco-IP. In parallel, "Eco-IP Draft Evaluation" will be promoted to obtain an Eco-IP certification. We aim to introduce technology with six businesses: "Solar Energy, BESS, CEMS" "Renewal of Facilities for Tenant Companies" "Waste treatment and power generation" "Energy-saving equipment for wastewater treatment facilities" "Wastewater Recycling" "Resource Circulation for Infrastructure Development".
09	Yachiyo Engineering Co., Ltd.	Maniwa City	Makassar City	Indonesia	City to City Collaboration Project toward Decarbonized Society between Makassar City and Maniwa City	<ul style="list-style-type: none"> •Renewable Energy •Waste Management •Institutional Building Support •DX 	<p>Since the early 2000s, Maniwa City in Okayama Prefecture has been working on the utilization of biomass resources, as evidenced by its formulation of the "Biomass Town Maniwa Concept". In recent years, the city has been working on power generation projects using woody biomass and recycling organic waste to realize their "Zero Carbon City Maniwa Declaration". Accordingly, this project aims to apply such "Maniwa Model" to Makassar City and achieve decarbonization of Makassar City.</p> <p>The FY2025 project will mainly include the following activities:</p> <ol style="list-style-type: none"> 1. Study of circulation systems 2. Partial demonstration of organic waste treatment 3. Formulation of a biomass circulation plan
10	EX Research Institute Ltd.	City of Kitakyushu	Telangana State and Visakhapatnam City, Andhra Pradesh State	India	Promotion of Decarbonized and Recycling-Oriented Eco-Towns in India	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Institutional Building Support 	<p>The City of Kitakyushu and Kitakyushu based companies will conduct feasibility studies in Hyderabad City and Visakhapatnam City in collaboration with Ramky Group, which has signed MOU for collaboration with the City of Kitakyushu and operates waste treatment businesses throughout India, with the aim of developing decarbonized and recycling-oriented Eco-Towns in India.</p> <p>The specific activities are as follows.</p> <ol style="list-style-type: none"> (1)Survey on the possibility of using solid waste and liquid waste(Plastic, Organic waste, Sludge(Solid/Liquid), Construction & Demolition waste etc.) (2)Feasibility study of On-site energy supply.
11	SOO RECYCLE CENTER CO., Ltd.	Osaki Town	Gianyar Regency	Indonesia	Project to Promote the Establishment of a Decarbonized and Recycling-based Society through the Osaki System in Gianyar, Bali, Indonesia	<ul style="list-style-type: none"> •Renewable Energy •Waste Management •Institutional Building Support 	<p>Osaki Town has been promoting the construction of a resource-recycling waste treatment system that doesn't use incinerators since the late 1990s. In order to realize the "Zero Carbon Promotion Declaration," initiatives for woody biomass power generation, biogas conversion, and RPF conversion are being considered these days.</p> <p>In this project, the Osaki System, which contributes to the realization of a resource-recycling society, will be applied to Gianyar, Bali, Indonesia, with the aim of upgrading waste treatment and reducing greenhouse gas emissions. Specific activities include: 1. transfer of the Osaki System; 2. Feasibility study of utilization of organic waste, non-organic waste, and human waste sludge; and 3. feasibility study of resource recycling project using waste.</p>

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12	Institute for Global Environmental Strategies	City of Kitakyushu	Banten Province, West Java Province	Indonesia	Feasibility study on the decarbonisation of the cement industry in Indonesia	<ul style="list-style-type: none"> •Energy Saving •Waste Management •Institutional Building Support 	The cement industry is the world's third largest energy consumer and the second largest CO2 emitting industry. Therefore, transitioning the cement industry to a sustainable form is an inevitable and important challenge for developing countries to achieve a decarbonised society. The project will work in two provinces in Indonesia, Banten and West Java, through city-to-city collaboration and private sector partnerships to (i) convert industrial waste into raw cement fuel, (ii) convert general waste into alternative fuel, and (iii) introduce energy-saving technologies in cement plants, thereby contributing to CO2 emission reduction and resource recycling in the cement industry supply chain.
13	EX Research Institute Ltd.	City of Kitakyushu	Ubon Rachatani province, Warin Chamrap Town Municipality & Pibun Mangsahan Town Municipality	Thailand	JCM Project Development Study for Realization of Carbon Neutral in Ubon Ratchatani Province, Thailand	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management 	The Study will be conducted with purpose of realization of carbon neutral in Ubon Rachatani province, Warin Chamrap Town Municipality & Phibun Mangsahan Town Municipality by 2050 through (i) supporting Decarbonization plan of the province and Carbon Footprint of both TMs, (ii) study the possibility of development of the project identified in the plan, and (iii) to support for development of MSW based WtE project in Pibun TM, possible Renewable Energy based Distributed Energy Resources (DERs) business in the province. The Study also conduct public relation and knowledge & information sharing as for mitigation actions in climate change in order for the province to achieve decarbonization domino in the province.
14	Overseas Environmental Cooperation Center, Japan (OECC)	City of Yokohama	Bangkok	Thailand	Project for accelerating GHG net zero emission in Bangkok	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Institutional building Support •Others (Fluorocarbons Recovery and Destruction) 	Bangkok, capital of Thailand, will play a significant role towards realizing carbon neutrality by 2050 in Thailand. Bangkok Metropolitan Administration (BMA) is working on climate change with a long-term vision to reach net zero by 2050. This project will contribute to the realization of BMA's long-term vision of 2050 net zero based on cooperative relationship between Yokohama and BMA since 2013 by supporting BMA's climate change policies and strengthening public-private partnerships. The main activities are (1) supporting the formulation of climate change policies for Bangkok, (2) forming and operating a public-private partnership platform, and (3) formulating GHG mitigation projects using the JCM and other financing schemes.
15	Nippon Koei Co., Ltd	Sakai City/Osaka City	Ba Ria-Vung Tau province & Southern Vietnam Area	Vietnam	Regional collaboration project to promote carbon neutrality in southern Vietnam	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Institutional Building Support •Hydrogen Technology •DX 	The project is Phase 2 of C3P between Sakai City and Ba Ria-Vung Tau Province, and will utilize the strong municipal and private networks that have been built in both cities in Phase 1 to promote carbon neutrality in the southern region of Vietnam. Specific activities will include 1) discussions/meetings, 2) sharing of policy and technical information through workshops, and 3) consideration of the introduction of renewable energy, energy-saving infrastructure, waste-derived biomass, hydrogen production, and fuel conversion by participating companies from a variety of sectors. Furthermore, with the participation of Osaka City, which has expertise in JCM project formulation, and new companies, an expansion of business development is expected to achieve in the regional level in Vietnam.
16	Japan NUS Co., Ltd.	Ehime Prefecture	Gorontalo Province	Indonesia	Support project for the achievement of SDGs and developing a sustainable decarbonized society: City-to-City Collaboration between Ehime Prefecture and Gorontalo Province	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •DX •Smart City Development 	Gorontalo province has requested Ehime Prefecture's support in deriving solutions to the environmental and social challenges, based on the formulation of a decarbonization policy. In this city-to-city collaboration project, Ehime Prefecture, local companies with decarbonization technologies and Ehime University will cooperate to support the formulation of a decarbonization policy and plan for Gorontalo Province, as well as to make policy proposals on FS for the dissemination of methane fermentation facilities, comprehensive infrastructure development for the Green Hospital Plan, and the introduction of leachate treatment plant for C2P2 promotion. In addition, propose and develop policies and systems to facilitate the selection of JCM candidate projects and project implementation.
17	Nippon Koei Co., Ltd.	Fukuoka Prefecture	Hanoi City	Vietnam	Promotion of introducing environmental infrastructure through City-to-City collaboration in Hanoi City	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Institutional Building Support 	This city-to-city collaboration project aims to develop institutional systems to solve issues in the energy and environmental sectors of Hanoi City and support the participating companies in forming projects through the activities listed below. 1) Discussion: Providing solutions and technical information for urban issues in Hanoi 2) Field survey: Formulate JCM model projects, support to prepare business proposals. 3) Technical workshop: Planning/co-organizing the event with Hanoi City and Fukuoka Pref. 4) Collaboration with other support organizations: Utilizing other support schemes according to the characteristics and scale of the candidate projects.

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18	Oriental Consultants Co., Ltd.	City of Sapporo	Ulaanbaatar City	Mongolia	Zero Carbon Society Development by Introduction of Environmental Infrastructure Suitable for Cold Climate in Ulaanbaatar City	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Institutional Building Support 	<p>Sapporo and Ulaanbaatar (UB) Cities are both working to address the challenges of cold their climates. Based on top-level city official discussions from the previous fiscal year, the air pollution countermeasures of Sapporo, which overcame its dependence on coal, will be expanded to Ulaanbaatar. This project aims to promote environmental infrastructure development using Japanese technologies by organizing business matching between private companies in Hokkaido and Ulaanbaatar.</p> <p>This city-to-city collaboration project aims to formulate JCM projects to introduce environmental infrastructure related to (1) energy conversion of heat supply systems, (2) conversion to low-carbon housing and facilities, and (3) the utilization of resources suitable for cold regions.</p>
19	Nippon Koei Co.,Ltd.	Toyama City	Renca, Santiago	Chile	Project to Promote Decarbonization and SDGs Dominoes through Participation in the Race to Zero by Renca, Santiago	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Transportation •Institutional Building Support •Hydrogen Technology •Digital Technology 	<p>To support achievement of Race to Zero in Renca, the Project will develop a Race to Zero contribution plan and increase GHG reduction activities by expanding the adopted JCM model project as well as conduct a FS and demonstration of advanced initiatives related to biogas, hydrogen and other superior decarbonization technologies. The Project will cooperate with other countries that support Renca to conduct effective activities without duplication. Toyama City will collaborate on environmental education using "STOP! Global Warming Sugoroku" and disseminate the SDG diagnostic tool TSUMUGI@ to other municipalities. In addition, through the formation of new City-to-City Collaboration Project and participation in COP30, the decarbonization and SDGs dominoes in Chile and abroad will be promoted.</p>
20	ATGREEN CO., LTD.	City of Kitakyushu	Koror State	Palau	City to City collaboration project for the promotion of decarbonised cities and realisation of co-benefits in Koror State, Republic of Palau	<ul style="list-style-type: none"> •Energy Saving •Renewable Energy •Waste Management •Transportation •Institutional Building Support •DX 	<p>This project will evaluate the feasibility of a linen cleaning business model using a boiler fueled by RPF, which is made from unused pruning branches and plastic containers, and identify the decarbonization effects. In addition, the project will continue the feasibility study on the introduction of renewable energy and energy conservation in public facilities in Koror, which was conducted in the previous fiscal year.</p> <p>Follow-up will also be continued to obtain funding for the introduction of EV buses and EV packer trucks, and to present emission reduction targets and specific activity plans for each facility to decarbonize each emission sector in the state (especially in the administrative business area).</p>