

## Annex

### Action List of Tripartite Joint Action Plan on Environmental Cooperation (2015-2019)

Priority Area 1. Air Quality Improvement				
PA	Sub-PA	No.	Action Topic	Activities
1. Air Quality Improvement	A. Air Pollution	1-A-1	Tripartite Policy Dialogue on Air Pollution	The three countries will hold the Tripartite Policy Dialogue on Air Pollution annually on the following agenda: 1) Progress of measures on air pollution in each country 2) Sharing the good practice and efforts on improving regional air quality 3) Results of WGI/II meetings 4) Information exchange of specific themes 5) Discussion on future activities The dialogues' summary will be reported to Directors General Meeting (DGM) for TEMM.
		1-A-2	Working Group I (Scientific Research on Prevention and Control )	The three countries will hold a WGI meeting annually to exchange pollution prevention and control experience, methodologies and tools of measurement and estimation of emissions, and CBA-based models of control measures.
		1-A-3	Working Group II (Technology/Policy on Air Quality Monitoring and Prediction)	The three countries will hold a WGII meeting annually to exchange new technique and QA and QC technique and experience of air quality monitoring, air quality standard and assessment method, and air quality prediction technique.
	B. DSS	1-B-1	DSS Directors General Meeting	The three countries will continue to hold the Tripartite Directors General Meeting on DSS (DSS DGM) annually under TEMM with an objective to jointly explore cooperation on DSS issues.
		1-B-2	DSS Steering Committee Meeting	The three countries will continue to operate the Steering Committee on DSS as a working level consultation body to hold the Steering Committee Meeting annually.
		1-B-3	DSS WGI & WGII and Related Meetings	The three countries will continue to promote joint research on DSS by WG I (monitoring, forecasting and early warning) and WG II (prevention and control) with the Mid-term Action Plans of Working Group I and Working Group II (2015-2019).
		1-B-J1	Tripartite Joint Workshop between WGI and WGII	To improve synergy effect of the joint research on DSS (WGI and WGII) efficiently and effectively by interlinking related activities of each WG, the three countries will jointly develop the assessment methods for the prevention and control effect of the restoration measures against DSS.

<b>Priority Area 2. Biodiversity</b>				
<b>PA</b>	<b>Sub-PA</b>	<b>No.</b>	<b>Action Topic</b>	<b>Activities</b>
<b>2.Biodiversity</b>	<b>A.Biodiversity Conservation</b>	2-A-1	Tripartite Policy Dialogue on Biodiversity	Three countries will continue the Tripartite Policy Dialogue on Biodiversity which was newly launched during the first TJAP, and share information on policies and research on biodiversity conservation and sustainable use, ABS and promote cooperation on the issues of common concern.
		2-A-J1	Tripartite Cooperation on AP-BON, ESABII and Bio-Bridge Initiative	The three countries will formulate and promote tripartite joint actions on conservation and sustainable use of biodiversity through collaborative initiatives in international and regional platforms and networks, such as the Satoyama Initiative, Asia Pacific Biodiversity Observation Network (AP-BON), and East and Southeast Asia Biodiversity Information Initiative (ESABII) and Bio-Bridge Initiative, etc.; and will utilize such platforms and networks to deepen cooperation in the area of biodiversity conservation.
		2-A-C1	Information Exchange, Best Practice and Experience Exchange	The three countries will share information, best practice and experience on methods for assessing progress towards the Aichi Biodiversity Targets, and researches on valuation of ecosystem services, adaptation to climate change, invasive alien species control, and urban biodiversity conservation.
	<b>B.ABS (Access and Benefit Sharing)</b>	2-B-J1	Information Sharing to Prepare for Implementation of the Nagoya Protocol	The three countries will share experience and information including progress in preparation for ratification and implementation of the Protocol, and experiences and best practices in various industries and academic fields. Such activities will contribute to promotion of capacity building and the public awareness raising activities in each country.

### Priority Area 3. Chemical Management and Environmental Emergency Response

PA	Sub-PA	No.	Action Topic	Activities
3. Chemical Management and Environmental Emergency Response	A. Chemical Management	3-A-1	Tripartite Policy Dialogue on Chemical Management	The three countries will continue to hold the Tripartite Policy Dialogue on Chemical Management for the purpose to share recent chemical management policy trends and promote the cooperation among the three countries.
		3-A-2	Tripartite Expert Seminar on Chemical Management	The three countries will hold the Tripartite Expert Seminar on Chemical Management and Chemical Testing and seek cooperation among the three countries in areas such as test guidelines and test methods.
	B. Environmental Emergency Response	3-B-K1	Tripartite Joint Research on Risk Assessment of Environmental Disaster (Accident)	The three countries will share experience and technology including out of the research undertaken jointly in the framework of TPM (Tripartite Presidents Meeting among NIES, NIER and CRAES) on risk assessment of environment accidents.

**Priority Area 4. Circulative Management of Resources/3R/Transboundary Movement of E-Waste**

PA	Sub-PA	No.	Action Topic	Activities
4.Circulative Management of Resources/3R/Transboundary Movement of E-waste	A. Circulative Management of Resources/3R	4-A-1	Tripartite 3R and Transboundary Movement of E-Waste Seminar	The three countries will advance policy discussions in the “Sound Material-Cycle Society/Circular Economy/3R and Transboundary Movement of E-Waste Seminars (Tripartite 3R and Transboundary Movement of E-Waste Seminar)”.
	B. Transboundary Movement of E-waste	4-B-1	Tripartite Information Sharing Channel on E-Waste Transboundary Movement Management	To keep communication and information sharing among officials, the three countries will promote cooperation on information exchange on management and control of the transboundary movement of E-waste.
		4-B-C1	Information Sharing on E-Waste Transboundary Movement Flow among the Three Countries	The three countries will enhance information sharing regarding E-waste transboundary movement flow among the three countries and illegal e-waste shipment control.

## Priority Area 5. Climate Change Response

PA	No.	Action Topic	Activities
5. Climate Change Response	5-C1	Climate Change Mitigation Technology Research and Demonstration Experience Exchange	By expert communication and co-benefit evaluation methodology development, the co-benefit research will expand tripartite cooperation in climate mitigation, share experiences in pollution control and carbon mobile source carbon emission reduction, and explore effective technological solution and policy options towards green and low carbon development in urban transport system.
	5-C2	Information Sharing on Co-Control Technology	This activity will share information on co-controlling technologies in key industries and promote green & low-carbon development in industrial sectors.
	5-C3	Climate Change Adaptation Experience Exchange	This activity will share best practices in terms of climate adaptation and promote sustainable development in the three countries by using existing TEMM framework.
	5-C4	Research on Low-Carbon and Environmental-Friendly Cities Construction	This activity will share best practices of urban low carbon development and national environmental governance, evaluate comprehensive performance of carbon emission reduction atmospheric environmental governance in proposed city cases, and explore a green and low-carbon development model through expert communication and joint research.

<b>Priority Area 6. Conservation of Water and Marine Environment</b>				
<b>PA</b>	<b>Sub-PA</b>	<b>No.</b>	<b>Action Topic</b>	<b>Activities</b>
<b>6. Conservation of Water and Marine Environment</b>	<b>A. Water Environment</b>	6-A-K1	Tripartite Information Sharing on Water Environment Management	The three countries will endeavor to enhance understanding of water environment management and cooperation in the area through sharing information regarding policies and research on water environment management.
		6-A-K2	Underground Water Technology Cooperation	The three countries together seek ways to properly use underground water and improve the quality through sharing information on underground water management policies in the three countries.
	<b>B. Marine Environment</b>	6-B-J1	Tripartite Workshops on Marine Litter	The three countries will hold workshops on marine litter, share data on marine litter, and exchange information on each country's policies and experiences.
		6-B-C1	Cooperation under the Framework of NOWPAP	To promote cooperation to reduce marine litter problems in surrounding marine areas, the three countries will cooperate in the clarification of the generation mechanism of marine litter and the impact of micro plastics on the environment; removal activities, treatment and control of the generation of marine litter; and increase public awareness regarding marine litter problems to enhance the activities of the Regional Action Plan on Marine Litter "RAPMALI" under NOWPAP.

**Priority Area 7. Environmental Education, Public Awareness and Corporate Social Responsibility**

PA	Sub-PA	No.	Action Topic	Activities
7.Environmental Education, Public Awareness and Corporate Social Responsibility	A.Environmental Education, Public Awareness	7-A-1	Tripartite Environmental Education Network (TEEN)	Under TEEN, workshops will continue to be held in the three countries in rotation for (1) developing environmental education materials, (2) sharing case studies to enhance the cooperation among three countries to conduct comparative research on environmental education, and (3) promoting environmental education network to increase public awareness on environmental protection.
		7-A-2	Youth Forum	The three countries will continue to host the annual Youth Forum in turn, to promote common understanding, strengthen information exchange and establish partnership on environmental protection, and set up an open, sustainable and influential platform, as well as raise environmental awareness of the youth of three countries.
		7-A-3	Environmental Training for Officials	The Tripartite Environmental Training for Officials will continue to be held annually in the three countries in rotation, to enhance environmental officials' awareness and understanding of regional environmental issues, as well as strengthen exchange and cooperation.
		7-A-K1	General Public Awareness Improvement Project	The three countries will promote environmental protection through enhancing the awareness of environmental issues among general public.
	B. Corporate Social Responsibility	7-B-K1	Cooperation on CSR on the Environment for Business Sector	The three countries will make efforts to share information on corporate social responsibility (CSR) on the environment such as showcasing representative CSR programs of corporates from the three countries.

**Priority Area 8. Rural Environmental Management**

PA	No.	Action Topic	Activities
8. Rural Environmental Management	8-C1	Tripartite Rural Environment Policy Dialogue	The three countries will hold the Tripartite Rural Environment Policy Dialogue on a regular basis to share information on rural environment management policies in each country and promote cooperation among the three countries.



## Priority Area 9. Transition to Green Economy

PA	Sub-PA	No.	Action Topic	Activities
9. Transition to Green Economy	A.Green Economy	9-A-1	Information Exchange on Green Development/Economy	Information exchange on green economy and green technology, as well as green industry will be promoted to enhance technical cooperation/transfer on green technology, develop information and knowledge system for green economy and boost the cooperation on green development/economy among the three countries through Tripartite Roundtable on Environmental Business (TREB), etc.
		9-A-J1	Tripartite Joint Research on Green Economy and Low Carbon Society	The three countries will endeavor towards green economy and low carbon society through conducting tripartite joint research on green economy and low carbon society.
	B.Environmental and Green Industry	9-B-1	Tripartite Roundtable on Environmental Business (TREB)	The Tripartite Roundtable on Environmental Business combined Tripartite Roundtable Meeting on Environmental Industry and the Business Forum under TEMM and works as the cooperation mechanism in green industry and technology among the three countries. The Meeting could discuss issues including dialogues among environmental industry parks, common development and mutual recognition of environmental labelling and technical exchange and cooperation in environmental industry.
		9-B-C1	Information Exchange on Tripartite Pollution Prevention and Control Technology	This project intends to enable environmental corporations among the three countries to share information on technologies for pollution prevention and control and to promote trade of environmental technologies through TREB, etc.
	C. Green Supply Chain	9-B-C2	Information Exchange on Evaluation, Certification and Verification of Environmental and Green Industry	Information exchange will be promoted on the evaluation, certification and verification of the emerging environmental and green technologies and industry through TREB,etc. Possible future cooperation includes seminars and workshops as well as joint researches and demonstration projects to promote cooperation in the above-captioned field.
		9-C-C1	Cooperation on Regional Green Supply Chain	Information sharing, best practice and experience exchange on Green Supply Chain (GSC) in the region will be promoted through TREB, etc. Possible future cooperation includes pilot projects, joint researches and workshops to promote cooperation on GSC.