

**EXTENSION OF
LETTER OF INTENT
ON COOPERATION FOR ENVIRONMENT
between
THE MINISTRY OF THE ENVIRONMENT, JAPAN
and
ASIAN DEVELOPMENT BANK**

This extension of “the Letter of Intent on Cooperation for Environment between the Ministry of the Environment, Japan and the Asian Development Bank” (LOI) dated 25 June 2014 is signed on this 19 May 2020 between the Ministry of the Environment, Japan (MOEJ), having its office at 1-2-2 Kasumigaseki, Chiyoda-ku, Tokyo, Japan, represented by its Vice-Minister for Global Environmental Affairs and the Asian Development Bank (ADB), having its headquarter at 6 ADB Avenue, Mandaluyong City, Metro Manila, Philippines, represented by its Vice-President for Knowledge Management and Sustainable Development.

The MOEJ and the ADB will hereinafter be referred to individually as the “Participant”, and collectively as the “Participants”.

1. The LOI was signed on 25 June 2014 by the Minister of the MOEJ and the President of the ADB. The original duration of the LOI is 3 years from 25 June 2014.
2. Both Participants extended the LOI for a period of additional 3 years by signing the extension on 2 March 2017 by the Vice-Minister for Global Environmental Affairs of the MOEJ and the Vice-President for Knowledge Management and Sustainable Development of the ADB. Based on the LOI, the Participants have been cooperating in various areas pertaining to environmental protection and improvement.

3. This extension is prepared in accordance with paragraph 16 of the LOI. Both Participants have decided to extend the LOI for a period of additional 3 years by the signing of this extension by the Vice-Minister for Global Environmental Affairs of the MOEJ and the Vice-President for Knowledge Management and Sustainable Development of the ADB.

4. The designated MOEJ focal point is the Director, International Cooperation and Sustainable Infrastructure Office, Global Environment Bureau. The designated ADB focal point is the Chief, Environment Thematic Group, Sustainable Development and Climate Change Department.

5. A work program for the next 3 years attached as Annex may be updated from time to time with mutual agreement of the Participants.

Signed on this 19 May 2020, in the English language.

MINISTRY OF THE ENVIRONMENT, JAPAN:

ASIAN DEVELOPMENT BANK:

Satoru MORISHITA

Vice-Minister for Global Environmental Affairs

Bambang SUSANTONO

Vice-President for Knowledge Management
and Sustainable Development

Date: _____

Date: _____

Annex

**Work Program on Cooperation for Environment
between MOEJ and ADB in 2020 – 2022**

The work program supports the objectives of the LOI, to strengthen, facilitate and develop mutual cooperation in the field of environment. Areas of cooperation will support actions consistent with major global commitments such as the Sustainable Development Goals and the Paris Agreement on climate change.

1. Japan Fund for Joint Crediting Mechanism (JFJCM)	<ul style="list-style-type: none">• The Participants will continue to cooperate to support formulation of JFJCM financed projects through providing capacity development and technical information to target countries' officials and project developers.• ADB will make efforts to identify the pipeline which may be able to adopt advanced low-carbon technologies at an early stage and consider use of the JFJCM to such projects.• The Participants will make efforts to strengthen the contribution of JFJCM projects to Sustainable Development Goals (SDGs).
2. International Carbon Markets	<ul style="list-style-type: none">• The Participants will collaborate in promoting post 2020 international carbon markets by enhancing preparedness for the operationalization of new market mechanism(s) under Article 6 of the Paris Agreement, in Asia and the Pacific.• The Participants will aim to promote linkages among mitigation actions under new market mechanism(s) including the JCM and the SDGs.
3. Climate Change Adaptation	<ul style="list-style-type: none">• The Participants will continue to cooperate to share climate risk datasets and results of climate impact assessment amongst each other and with wider stakeholders through the Asia Pacific Adaptation Information Platform (AP-PLAT)• The Participants will continue to share experiences on improving respective climate risk management

	<p>frameworks, including methodologies for undertaking climate impact assessment in order to mainstream adaptation into project planning, design, implementation and monitoring.</p> <ul style="list-style-type: none"> • The Participants will explore the potential to collaborate in formulating adaptation-projects based on the results of robust climate impact assessments, thereby increasing the opportunity of such projects to access climate finance.
<p>4. Initiative on Fluorocarbons Life Cycle Management</p>	<ul style="list-style-type: none"> • The Participants will cooperate on activities under the Initiative on Fluorocarbons Life Cycle management to promote emission control measures throughout the life cycle of fluorocarbons, taking into account the mid- and downstream areas that have not been tackled so far. • ADB will explore the possibility of setting up a regional knowledge and support technical assistance (KSTA) for (1) raising awareness (2) technical capacity building and (3) assessing potential for using available technological and other solutions to reducing emission of fluorocarbons in selected countries in Asia and the Pacific. MOEJ will, in collaboration with the ADB's TA, support the selected countries to develop a strategy for fluorocarbons life cycle management and will share knowledge and experience on technologies by involving private sector as well as on policy and legal framework on fluorocarbons life cycle management in Japan. • MOEJ will conduct model projects for collection and destruction of fluorocarbons, as well as investigate the possibility of introducing systems and the potential for reductions, and support the implementation of integrated measures to control fluorocarbons emissions in developing countries in Southeast Asia. Based on results of the model projects, the Participants will cooperate on formation of scaled-up projects exploring the possible use of JFJCM. • MOEJ will also have meetings on cooperation with

	these developing countries and share advanced systems and latest technologies in cooperation with ADB.
5. Zero Carbon and Resilient Cities	The Participants will cooperate in supporting planning, project formulation and implementation toward Zero Carbon City mobilizing relevant activities including the city to city collaboration program by MOEJ and TA "Establishing a Platform for Climate-Resilient and Low-Carbon Urban Development" and other relevant ADB's TAs.
6. Air Quality Management	<ul style="list-style-type: none"> • The Participants will cooperate in key events including Better Air Quality Conference. • The Participants will cooperate in supporting the formation of projects related to air pollution countermeasures such as monitoring of air pollutants and the introduction of emission control technologies. • New cooperation will be coordinated with networks such as the Acid Deposition Monitoring Network in East Asia (EANET) and ADB technical assistance including TA "Strengthening Knowledge and Actions for Air Quality Improvement".
7. Circular Economy, Waste Management, and Marine Plastic Litter	<p><Circular Economy and Waste Management></p> <ul style="list-style-type: none"> • The Participants will cooperate to raise awareness of waste management technologies as well as their application, and support project formulation in Asia and the Pacific, mainly in South Asia and Southeast Asia. • The Participants will cooperate on formulation and preparation of waste management PPP projects using available financial resources (e.g., technical assistance under the Asia Pacific Project Preparation Facility (AP3F) which is a multi-donor trust fund administered by ADB, and technical assistance grant which is administered by the MOEJ). • The Participants will co-organize workshops for MDBs officials, local government officials and

	<p>private representatives, using relevant opportunities such as Regional 3R Forum in Asia and the Pacific.</p> <p><Marine Plastic Litter></p> <ul style="list-style-type: none"> • The Participants will cooperate in Marine Plastic Litter consistent with Osaka Blue Ocean Vision, the G20 Implementation Framework for Actions on Marine Plastic Litter, and ADB Action Plan for Healthy Oceans and Sustainable Blue Economies. • The Participants will cooperate on key events including ADB Healthy Oceans Technology and Innovation Forum and the Our Ocean Conference in Palau. • The Participants will cooperate in supporting the formulation of national and city level action plans on measures against marine plastic litter mainly in South Asia and Southeast Asia. <p>The Participants will provide information and knowledge regarding marine plastic litter to the Regional Knowledge Center to be established at the Economic Research Institute for ASEAN and East Asia (ERIA), for raising awareness, promoting innovative actions and facilitating national and regional cooperation.</p>
<p>8. Environmentally Sustainable Transport (EST)</p>	<ul style="list-style-type: none"> • The Participants will cooperate to hold the Regional Environmentally Sustainable Transport Forum in Asia (the EST forum) coordinated by UNCRD. From 2020 to 2021, in preparation of a new declaration after Bangkok 2020 Declaration, the Participants will provide knowledge contribution to drafting the new goal as input for the declaration. • The Participants will cooperate to promote the implementation and capacity development of the EST in Asian countries based on the new declaration, including the development of policy recommendation reports and concrete EST project pipelines in selected cities. To advance this work, ADB will explore the possibility of setting up a regional KSTA for supporting the selected cities, and MOEJ will share knowledge and experience on

	<p>technologies by involving private sector as well as on policy and legal framework on EST in Japan. The Participants will share these progress and experiences at the EST forum which works as the knowledge platform for EST.</p>
9. Biodiversity	<ul style="list-style-type: none"> • The Participants cooperate in sharing knowledge and developing project opportunities in relation to biodiversity mainstreaming, Eco-DRR and EbA as well as the Satoyama Initiative consistent with Principle 3 of the G20 Principles for Quality Infrastructure Investment, and ADB Strategy 2030 Operational Plan 3, ADB Action Plan for Healthy Oceans and Sustainable Blue Economies. • The Participants will explore cooperation in relevant events including side events at CBD-COP15 under the above area. • The Participants will cooperate in projects conducted by each Participant, including some component of TA “Protecting and Investing in Natural Capital in Asia and the Pacific”, to generate synergy through sharing of knowledge.
10. COVID-19	<p>The Participants will cooperate in overcoming the COVID-19 pandemic and building back better towards a decarbonized and more resilient society, recognizing synergies and co-benefits of climate and environment actions such as knowledge sharing and exchanging information on infectious waste management to reduce further spread of COVID-19 and maintain the waste management service.</p>
11. Others	<p>The Participants will continue to explore further collaboration on other areas including green business.</p>