

Twenty-first Session of the Scientific Advisory Committee
on the Acid Deposition Monitoring Network in East Asia
26-28 October 2021, Virtual Meeting

**PRELIMINARY FOURTH DRAFT TEXT FOR THE SUPPLEMENTARY
DOCUMENT (ANNEX) TO THE INSTRUMENT FOR STRENGTHENING THE ACID
DEPOSITION MONITORING NETWORK IN EAST ASIA (EANET)**

I. INTRODUCTION

1. This report provides the proposed revision to the third revision of the draft text for the Supplementary Document (Annex) to EANET Instrument submitted to the Working Group Meeting in 2021 Session 2 (WG2021-2). It is prepared by following the discussion at the WG2021-1 and WG2021-2, comments from Participating Countries, “Proposed Next Steps after the Twenty-second Session of the Intergovernmental Meeting (IG22) on Acid Deposition Monitoring Network in East Asia (EANET)” (EANET/IG 22/10) and “Decisions of IG22”.
2. The WG2021-2 made several comments to the Revision of the Draft Text for the Supplementary Document (Annex) to EANET Instrument submitted to the Meeting (*See Annex: Consolidated Comments/Proposals of Participating Countries to the Revision of the Draft Text for the Supplementary Document (Annex) to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET) Submitted to WG2021-2 and the Responses/Actions*).
3. On 14 September 2021, the Chair of WG2021-2, Ms. Siwaporn Rungsiyanon (Thailand), convened a meeting of the Friends of the Chair in order to discuss the draft text and help the Participating Countries in reaching a common understanding. Participating Countries that registered to attend were Japan, Myanmar, Philippines, Russia, and Thailand. China indicated that they would participate as the Observer.
4. The Third Revision of Draft Text for Supplementary Document (Annex) to EANET the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET)” was circulated by the Secretariat to the National Focal Points in September 2021 for review and comments. Subsequently, the Secretariat has received comments from three Participating Countries, namely Japan, China, and Malaysia.
5. The Preliminary Fourth Draft Text for Supplementary Document (Annex) to EANET the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET)” accommodates and reflects the views of Participating Countries. The report is prepared for the discussion at the Twenty-first Session of the Scientific Advisory Committee Meeting of EANET (SAC21) and the Continued Session of the WG2021-2.

II. ACTIONS REQUIRED

6. The SAC21 is invited to review “Preliminary Fourth Draft Text for Supplementary Document (Annex) to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET)” from scientific and technical viewpoints and may wish to consider, discuss, provide guidance, and make recommendations to the IG23, particularly to review **the Attachment table** related to the relevance of the atmospheric environment related substances.

Attachment

PRELIMINARY FOURTH DRAFT TEXT FOR THE SUPPLEMENTARY DOCUMENT (ANNEX) TO THE INSTRUMENT FOR STRENGTHENING THE ACID DEPOSITION MONITORING NETWORK IN EAST ASIA (EANET)

PREAMBLE		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
<p><i>The Participating Countries to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET);</i></p> <p><i>Recognizing the negative effects of atmospheric environment pollutants and severe environmental, economic, and social impacts of these harmful substances;</i></p> <p><i>Aligning with the achievement of</i></p>	<p>China: <u>Suggested text:</u></p> <p><i>The Participating Countries to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET);</i></p> <p><i>Recognizing the negative effects of atmospheric environment pollutants and impacts of these harmful substances;</i></p> <p><i>Aligning with the achievement of Sustainable Development Goal 3 and UNEA resolution 1/7 of 24 June 2014 and UNEA resolution 3/8 of 6 December 2017;</i> and</p> <p><i>Having agreed at the 23rd Intergovernmental Meeting Session of EANET, to extend the scope of EANET in accordance with Item 2 of its Instrument as follows:</i></p>	<p>Alternative 1: <i>The Participating Countries to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET);</i></p> <p><i>Having agreed to extend the scope of EANET in accordance with Item 2 of its Instrument as follows:</i></p> <p>Alternative 2: <i>The Participating Countries to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET);</i></p> <p><i>Recognizing the effects of atmospheric environment pollutants and severe</i></p>

<p><i>Sustainable Development Goal 3 and UNEA resolution 1/7 of 24 June 2014 and UNEA resolution 3/8 of 6 December 2017; and</i></p> <p><i>Having agreed at the 23rd Intergovernmental Meeting Session of EANET, to extend the scope of EANET in accordance with Item 2 of its Instrument as follows:</i></p>	<p>Malaysia: <u>Suggested text:</u></p> <p><i>The Participating Countries to the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET);</i></p> <p><i>Recognizing the negative effects of atmospheric environment pollutants and severe environmental, economic, and social impacts of these harmful substances;</i></p> <p><i>Aligning with the achievement of Sustainable Development Goal 3 and <u>United Nations Environment Assembly</u> (UNEA) resolution 1/7 of 24 June 2014 and UNEA resolution 3/8 of 6 December 2017; and</i></p> <p><i>Having agreed at the 23rd Intergovernmental Meeting Session of EANET, to extend the scope of EANET in accordance with Item 2 of its Instrument as follows:</i></p> <p><u>Notes:</u></p> <ol style="list-style-type: none"> 1. The word "negative" can be omitted, and "effects" alone should suffice. 2. Acronym for UNEA to spell in full. 3. Preliminary idea of having explanatory parts such as current preambles in the preliminary draft should be retain in the Document in line with the original structure of Instrument. A preamble is necessary to reflect the necessity of the Annex when read together with the parent Instrument. 4. For the purpose of clarity, Malaysia is of the view that “atmospheric environment pollutants” should also be defined in Item 1 (Definitions) considering it may bring a different meaning with “atmospheric environment related substances” which already defined in Item 1. 5. Second preamble to alternatively reformulate as follow: <i>“Recognizing the effects of atmospheric environment related substances to the air”</i> 	<p><i>environmental, economic, and social impacts of these harmful substances;</i></p> <p><i>Aligning with the achievement of Sustainable Development Goal 3 and United Nations Environment Assembly (UNEA) resolution 1/7 of 24 June 2014 and UNEA resolution 3/8 of 6 December 2017; and</i></p> <p><i>Having agreed at the 23rd Intergovernmental Meeting Session of EANET, to extend the scope of EANET in accordance with Item 2 of its Instrument as follows:</i></p>
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ITEM 1 - Definitions		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
<p><i>For the purposes of this Annex:</i></p> <ol style="list-style-type: none"> 1. <i>“Instrument” means the Instrument for Strengthening the Acid Deposition Monitoring Network in East Asia (EANET).</i> 2. <i>“Participating Countries” means, unless the text otherwise indicates, Participating Countries to the Instrument.</i> 3. <i>“Secretariat” means the Secretariat of the Instrument, and “Network Center” means the Network Center of the Instrument”.</i> 4. <i>“IG” means the Intergovernmental Meeting established by Item 10 of the Instrument.</i> 5. <i>“Atmospheric environment related substances” refer to the substances listed in the Attachment to this Annex.</i> 	<p>Malaysia <u>Notes:</u></p> <ol style="list-style-type: none"> 1. Item 1 should be maintained in its entirety to give clarity for these crucial terms used. This Document will become a reference (by different individuals/officers) within various EANET related national organizations for the foreseeable future. 2. Malaysia notes that paragraph 1 of Item 2 of the Annex has a provision on the “extended scope” whilst paragraph 2 of Item 2 of the Annex refers to the “additional scope”. Malaysia observes that IG22 only decided to expand the scope of the Instrument and Item 2.2 of the Instrument empowers IG to decide on the “extended scope”. As such, Malaysia seeks clarification as to the differences between the “extended scope” and “additional scope”. 3. Based on the Participating Countries’ Comments, Malaysia notes among the proposal was to remove all definitions except the definition of “atmospheric environment related substances”. Since paragraph 2 of Item 15 of the Instrument states that the modification of Instrument shall form part of the Instrument, Malaysia has no objection to remove the definitions of Instrument, Participating Countries, Secretariat, Network Center, and IG as the terms and words defined and stated in the Instrument shall have the same meaning when used herein. 	<p>Alternative 1: to retain all text as Third Draft</p> <p>Alternative 2: to follow the suggestion of Malaysia to include only:</p> <p><i>“Atmospheric environment related substances” refer to the substances listed in the Attachment to this Annex.</i></p>

ITEM 2		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
<p>1. <i>The categories of atmospheric environment related substances and areas of work to be covered in accordance with this Annex are set out in the Attachment and address the extended scope of the Instrument.</i></p> <p>2. <i>Actual activities for the additional scope shall be identified by and implemented pursuant to a decision of the IG that shall be adopted by consensus.</i></p> <p>3. <i>Funding of activities of the extended scope under the Annex shall be pursuant to a decision of the IG</i></p>	<p>China <u>Suggested text:</u></p> <p>1. <i>The categories of atmospheric environment related substances and areas of work to be covered in accordance with this Annex are set out in the Attachment and address the extended scope of the Instrument.</i></p> <p>2. <i>Actual activities for the additional scope shall be identified by and implemented pursuant to a decision of the IG that shall be adopted by consensus.</i></p> <p>3. <i>Funding of activities of the extended scope under the Annex shall be pursuant to a decision of the IG and shall be from the non-core budget unless decided differently by IG.</i></p> <p><u>Notes:</u> China's consideration: Regarding "Scope of the Attachment", we suggest not separating current scope and additional scope, since the current Instrument doesn't specify the substances and activities, which have already caused different understanding of the "current scope" among PCs. We suggest using the scope after expansion in the Attachment only to avoid discussing the boundary of current and additional scope.</p>	<p>Alternative 1:</p> <p>1. <i>The categories of atmospheric environment related substances and areas of work to be covered in accordance with this Annex are set out in the Attachment and address the scope of the Instrument.</i></p> <p>2. <i>Actual activities for the scope shall be identified by and implemented pursuant to a decision of the IG that shall be adopted by consensus.</i></p> <p>3. <i>Funding of activities of the scope under the Annex shall be pursuant to a decision of the IG</i></p> <p>Alternative 2:</p> <p>1. <i>The categories of atmospheric environment related substances and areas of work to be covered in accordance with this Annex are set out in</i></p>

<p><i>the IG and shall be from the non-core budget unless decided differently by IG.</i></p>	<p>Japan <u>Notes:</u> Suggest In Item2 para 2, there are “extended scope” and “additional scope”, and it is confusing. Japan propose that the term “extended scope” should be used as a meaning of combining the current scope and additional scope.</p>	<p><i>the Attachment and address the extended scope of the Instrument.</i></p> <ol style="list-style-type: none"> 2. <i>Actual activities for the extended scope shall be identified by and implemented pursuant to a decision of the IG that shall be adopted by consensus.</i> 3. <i>Funding of activities of the extended scope under the Annex shall be pursuant to a decision of the IG and shall be from the non-core budget unless decided differently by the IG</i>
	<p>Malaysia <u>Notes:</u></p> <ol style="list-style-type: none"> 1. Malaysia wishes to reiterate our comments in Item 1 above on the differences between the “extended scope” and “additional scope”. 2. Malaysia observes that IG22 only decided to expand the scope of the Instrument and paragraph 2 of Item 2 of the Instrument only empowers IG to decide on the “extended scope”. 3. According to the Oxford Learner’s Dictionaries, the term “extend” is defined as “cause to cover a wider area; make larger”; “additional” means “added, extra or supplementary to what is already present or available” and Longman Dictionary of Contemporary English defines “additional” as to “more than what was agreed or expected”. 4. Based on the above, Malaysia is of the view that all of the terms connote different meanings where “extend” refers to extending the existing scope as provided in the Instrument whilst “additional” refers to adding a new scope apart from the existing scope in the Instrument. 5. Therefore, by virtue of paragraph 2 of Item 2 of the Instrument, Malaysia is of the view that the Instrument only allows the scope to be extended. 	

ITEM 3		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
<p>1. <i>The provisions of Item 2 (Objectives and Scope), Item 3 (Principles), Item 4 (Monitoring and Reporting), Item 5 (Assessment), Item 6 (Research Activities), Item 8 (Public Awareness), Item 9 (Exchange of Information), Item 10 (Intergovernmental Meeting), Item 12 (Scientific Advisory Committee), and Item 13 (Network Center) of the Instrument shall apply mutatis mutandis to the Annex.</i></p> <p>2. <i>On monitoring and reporting (Item 4 of the Instrument), Item 4, paragraphs 1, 5, 6, and 7 shall apply mutatis mutandis to the Annex. Participating Countries can, as appropriate, decide on a discretionary basis to apply Item 4,</i></p>	<p>China <u>Suggested text:</u> Under para 3, adding:</p> <ol style="list-style-type: none"> 1. <i>On assessment (Item 5 of the Instrument), “data reports” in this Item shall be acknowledged by participating countries.</i> 2. <i>On research activities (Item 6 of the Instrument), scientific research activities related to emission inventories, modeling, and human health effects can include only methodological research and capacity building of the research activities.</i> 3. <i>On Exchange of Information (Item 9 of the Instrument), support for pilot projects as well as clean air technology cooperation and transfer shall be facilitated.</i> 	<p>Alternative 1:</p> <ol style="list-style-type: none"> 1. <i>The provisions of Item 2 (Objectives and Scope), Item 3 (Principles), Item 4 (Monitoring and Reporting), Item 5 (Assessment), Item 6 (Research Activities), Item 8 (Public Awareness), Item 9 (Exchange of Information), Item 10 (Intergovernmental Meeting), Item 12 (Scientific Advisory Committee), and Item 13 (Network Center) of the Instrument shall apply mutatis mutandis to the Annex.</i> 2. <i><u>On assessment (Item 5 of the Instrument), “data reports” in this Item shall be acknowledged by participating countries.</u></i> 3. <i><u>On research activities (Item 6 of the Instrument), scientific research activities related to emission inventories, modeling, and human health effects can include only methodological research and capacity building of the research activities.</u></i> 4. <i><u>On Exchange of Information (Item 9 of the Instrument), support for pilot projects as well as clean air technology cooperation and transfer shall be facilitated. Activities can include promotion and cooperation of exchange information including scientific, technical, socio-economic, legal information as well as information on policy and administrative measures.</u></i>
	<p>Japan <u>Suggested text:</u> Under para 1, suggest adding: “Activities under Item 9 (Information of Exchange) in the Attachment can include promotion and cooperation of exchange information including scientific, technical, socio-economic, legal information as well as information on policy and administrative measures. [They can also include facilitating support for pilot projects as well as clean air technologies cooperation and transfer.]”</p>	
	<p><u>Notes:</u> This phrase added to Para 1 is based on China’s proposal to Annex’s Item3, Paragraph6, relating to Item 9 of the Instrument, which was submitted to the WG2 meeting. Japan would support the idea of the proposal.</p>	
	<p>Malaysia: <u>Notes:</u> Extended Scope:</p>	

<p><i>paragraphs 2, 3, and 4, considering their respective capabilities.</i></p> <p>3. <i>Items 7 (Education and Training), 11 (Secretariat), 14 (Financial Arrangement), 15 (Revisions or Modifications), 16 (End of Participation), and 17 (Participation of other countries) of the Instrument shall apply mutatis mutandis to this Annex.</i></p> <p>4. <i>The tasks, roles, and responsibilities of the Secretariat and the Network Center, as well as any subsidiary bodies established under the Instrument, shall mutatis mutandis apply to the Annex.</i></p>	<p>1. Malaysia notes that the extended scope that is marked as “X” refers to the research Activities (Item 6 of the Instrument), Education and Training (Item 7 of the Instrument), Public Awareness (Item 8 of the Instrument) and Exchange of Information (Item 9 of the Instrument).</p> <p>2. Be that as it may, Item 3 above provides that other activities vis-à-vis Monitoring and Reporting (Item 4 of the Instrument) and Assessment (Item 5 of the Instrument) shall apply mutatis mutandis to the Annex although those activities do not fall under the extended scope in the Attachment. As such, Malaysia seeks clarification on this matter.</p> <p>Annex is part of the Instrument:</p> <p>5. In light of the fact that paragraph 2 of Item 15 of the Instrument states that the modification of Instrument shall form part of the Instrument, Malaysia is of the view that all provisions in the Instrument shall remain the same and be in full force and effect as between Participating Countries and hence shall be applicable in this Annex.</p> <p>6. As such, there is no necessity to provide which Item in the Instrument that shall apply mutatis mutandis to the Annex, except only specifying those items in the Instrument that are not applicable in this Annex.</p> <p>7. Based on the above and subject to the final outcome on which Item in the Instrument that are not applicable in this Annex, Malaysia proposes amendments as follows:</p> <ol style="list-style-type: none"> 1. The provisions of Item 1 (Definition) and Item 4, paragraphs 2, 3, and 4 (Monitoring and Reporting) of the Instrument shall not apply to the Annex. 2. Participating Countries may, as appropriate, decide on a discretionary basis to apply Item 4, paragraphs 2, 3, and 4, considering their respective capabilities. <p>8. In the alternative, Malaysia proposes amendments as follows for clarity purposes:</p>	<p>5. <i>On monitoring and reporting (Item 4 of the Instrument), Item 4, paragraphs 1, 5, 6, and 7 shall apply mutatis mutandis to the Annex. Participating Countries can, as appropriate, decide on a discretionary basis to apply Item 4, paragraphs 2, 3, and 4, considering their respective capabilities.</i></p> <p>6. <i>Items 7 (Education and Training), 11 (Secretariat), 14 (Financial Arrangement), 15 (Revisions or Modifications), 16 (End of Participation), and 17 (Participation of other countries) of the Instrument shall apply mutatis mutandis to this Annex.</i></p> <p>7. <i>The tasks, roles, and responsibilities of the Secretariat and the Network Center, as well as any subsidiary bodies established under the Instrument, shall mutatis mutandis apply to the Annex.</i></p> <p>Alternative 2 (Malaysia Proposal)¹:</p> <ol style="list-style-type: none"> 1. <i>The provisions of Item 1 (Definition) and Item 4, paragraphs 2, 3, and 4 (Monitoring and Reporting) of the Instrument shall not apply to the Annex.</i> 2. <i>Participating Countries may, as appropriate, decide on a discretionary basis to apply Item 4, paragraphs 2, 3, and 4, considering their respective capabilities.</i> 3. <i>“Notwithstanding anything to the contrary, except for Item 1 and Item 4 (paragraphs 2,</i>
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¹ To be confirmed by Malaysia

	<ol style="list-style-type: none"> 1. “Notwithstanding anything to the contrary, except for Item 1 and Item 4 (paragraphs 2, 3 and 4) of the Instrument, all the provisions of Items in the Instrument shall apply mutatis mutandis to the Annex. 2. Participating Countries may, as appropriate, decide on a discretionary basis to apply Item 4, paragraphs 2, 3, and 4, considering their respective capabilities. 	<p><i>3 and 4) of the Instrument, all the provisions of Items in the Instrument shall apply mutatis mutandis to the Annex.</i></p> <p><i>4. Participating Countries may, as appropriate, decide on a discretionary basis to apply Item 4, paragraphs 2, 3, and 4, considering their respective capabilities.</i></p>
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ITEM 4		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
<p><i>The IG can review and revise this Annex as appropriate, based on proposals from any Participating Country, taking into account the results of the periodic evaluation of the implementation of EANET activities.</i></p>	<p>China <u>Suggested text:</u> <i>Taking into account the assessment of the Medium-term Plan, and the necessary periodic evaluation of the implementation of EANET activities discussed, considered and approved by all participating countries, The the IG can review and revise this Annex as appropriate, based on proposals from any Participating Country taking into account the results of the periodic evaluation of the implementation of EANET activities.</i></p> <p>Malaysia <u>Notes:</u></p> <ol style="list-style-type: none"> 1. This provision from the parent Instrument (Item 15 – Revisions or Modifications) agreeable by Malaysia as it allows for further amendments as allowing for continuous improvements while subject to conditions implied by Malaysia. 2. Malaysia proposes amendments above so as to be consistent with Item 15 of the Instrument. Having perused Item 15 of the Instrument, Malaysia notes that the term used is “revisions or modifications” but not “review”. Malaysia is of the opinion that 	<p>Alternative 1: to retain as third draft text</p> <p>Alternative 2: Taking into account the assessment of the Medium-term Plan and the necessary periodic evaluation of the implementation of EANET activities discussed, considered and approved by all participating countries, the IG can review and revise this Annex as appropriate, based on proposals from any Participating Country</p>

	since this Annex is made under the Instrument, the provision in this Annex shall be consistent with the provision in the Instrument.	
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ITEM 5 (Japan's New Proposal)		
THIRD DRAFT TEXT	COMMENTS/SUGGESTIONS	ALTERNATIVE TEXT FOR PRELIMINARY FOURTH DRAFT
N/A	<p>Japan:</p> <ol style="list-style-type: none"> 1. <i>The Annex shall be effective once it has been adopted by IG.</i> 2. <i>New Participating country to the Instrument based on its ITEM 17 shall automatically participate in the Annex, as the Annex is a part of the Instrument, unless otherwise such new participating country officially states that it will not participate in the Annex.</i> <p>Note: Japan would like to propose to add this new Item to ensure its implementation, and to ensure new participating country to follow this annex for its implementation. In spite of our proposal, Japan would like to ask the UNEP legal where the legally most appropriate place in the Annex these texts to be stipulated.</p>	<ol style="list-style-type: none"> 1. <i>The Annex shall be effective once IG has adopted it.</i> 2. <i>New Participating country to the Instrument based on its ITEM 17 shall automatically participate in the Annex, as the Annex is a part of the Instrument unless otherwise such new participating country officially states that it will not participate in the Annex.</i>

ATTACHMENT

THIRD DRAFT TEXT

ATTACHMENT: SCOPE OF THE EANET

Atmospheric environment related substances	Item 4 Monitoring and Reporting	Item 5 Assessment	Item 6 Research Activities	Item 7 Education and Training	Item 8 Public Awareness	Item 9 Exchange of Information
SO ₂	*	*	*	*	*	*
NO _x	*	*	*	*	*	*
NH ₃	*	*	*	*	*	*
PM	*	*	*	*	*	*
Precipitation Chemistry (ions, pH, EC)	*	*	*	*	*	*
Tropospheric Ozone	*	*	*	*	*	*
CO	-	-	X	X	X	X
NMVOC	-	-	X	X	X	X
(P) CH ₄	-	-	X	X	X	X
(P) Black carbon	-	-	X	X	X	X

Legend of the symbols of the Attachment:

*: The scope has already been covered by the Instrument X: The expanded scope as defined by this Annex

-: Not applicable

COMMENTS/SUGGESTIONS

China

Notes: China's consideration: After consulting with experts, we are informed that CH₄ is not the most important precursors of Oxidants and PMs. We need to focus on the priority substances contributing to PMs at current stage and gradually expand to other substances later on. We suggest not including CH₄ into the expanded scope of EANET at current stage. Furthermore, CH₄ is more treated as GHG rather than air pollutant.

China's consideration: Regarding to Black Carbon, it is not the priority substance we conduct control and management, we suggest not including Black Carbon at current stage. It can be considered in the future. The expansion of the scope is to address related air pollution problems which may bring co-benefits to reduce climate substance, rather than to expand to GHG.

Atmospheric environment related substances		Item 4 Monitoring and Reporting	Item 5 Assessment	Item 6 Research Activities	Item 7 Education and Training	Item 8 Public Awareness	Item 9 Exchange of Information
SO ₂		√	√	*	√	√	√
NO _x		√	√	*	√	√	√
NH ₃		√	√	*	√	√	√
PM	PM2.5	√	√	*	√	√	√
	DSS (PM10)	√	√	*	√	√	√
	TSP	√	√	*	√	√	√
	PM(inorganic ions)	√	√	*	√	√	√
	PM(metallic elements, and organic aerosols)	-	-	*	√	√	√
Precipitation Chemistry (ions, pH, EC)		√	√	*	√	√	√
Tropospheric Surface Ozone		√	√	*	√	√	√
CO		-	-	*	√	√	√
NMVOC		-	-	*	√	√	√
(P) CH₄		-	-	X	X	X	X
(P) Black carbon		-	-	X	X	X	X

Legend of the symbols of the Attachment:

√ : ~~The scope has already been covered by the Instrument-Applicable: The expanded scope as defined by this Annex~~

-: Not applicable*:Partly Applicable

Notes for the Attachment

The inclusion of CH₄ and black carbon should be further discussed by the SAC21 and continued WG2021-2\

Surface ozone: China's consideration: after consulting with experts, they suggest using surface ozone for it is the target substance for control in most countries and data is easy to obtain. While tropospheric ozone monitoring is beyond the capacity of many countries.

Japan

ATTACHMENT: SCOPE OF THE EANET

Atmospheric environment related substances	Item 4 Monitoring and Reporting	Item 5 Assessment	Item 6 Research Activities	Item 7 Education and Training	Item 8 Public Awareness	Item 9 Exchange of Information
SO ₂	*	*	*	*	*	*
NO _x	*	*	*	*	*	*
NH ₃	*	*	*	*	*	*
PM	*	*	*	*	*	*
Precipitation Chemistry (ions, pH, EC)	*	*	*	*	*	*
Tropospheric (Surface) Ozone	*	*	*	*	*	*
CO	-	-	*	*	*	*
(P) VOCs	-	-	*	*	*	*
(P) Black carbon	-	-	*	*	*	*

Legend of the symbols of the Attachment:

*: The **extended scope**

-: Not applicable

Notes for the Attachment:

- The relevant rows for PM have now been integrated. PM (mass) can include suspended dust and sand caused by 'Dust and Sandstorms'.

- *For the time being, under Item 6 - Research Activities, scientific research activities related to emission inventories, modeling, and human health effects can include only methodological research and capacity building of the research activities.*
- *The inclusion of CH₄ and black carbon should be further discussed by the SAC21 and continued WG2021-2. At WG2021-2, it was clarified that in the Attachment, CO, VOCs, CH₄ monitoring is relevant as these substances are the precursors of ozone, and Black carbon is an important component of PM. CO is also a harmful substance of which the environmental standard was established in many countries.*

Notes on:

VOCs: Taking into account of some countries' concern on CH₄ as GHG, Japan would like to suggest that CH₄ shall be deleted as separate target substance. Instead, we would like to suggest that changing "NMVOC" to "VOCs" which can include CH₄ implicitly as precursors of Ozone

Extended scope: As mentioned in Item 2, Japan propose that the term "extended scope" should be used as a meaning of combining the current scope and additional scope. No need to separate the current scope and the additional scope.

Malaysia

Notes:

1. For clarity and consistency purposes, Malaysia proposes the insertion of the word "extended" to reflect that the Attachment refers to the extended scope of the Instrument as provided in paragraph 1 of Item 2 of the Annex.
2. Participating countries has the right to remain and to exchange limited information (participating country shall exchange information) due to their confidentiality and the restriction according to national/ domestic law (Subject to data security and approval by relevant stakeholder within the country).
3. Malaysia prefers the Scope Table as proposed by Japan.

PRELIMINARY FOURTH DRAFT

Note: The Attachment is subject to be further discussed by the SAC21 (26-28 October 2021) and Continued WG2021-2 (2 November 2021) based on inputs received from Participating Countries