

**REPORT OF THE SECOND MEETING OF THE NORTH-EAST ASIA CLEAN AIR
PARTNERSHIP SCIENCE AND POLICY COMMITTEE AND TECHNICAL CENTERS**

1. The second meeting of the North-East Asia Clean Air Partnership (NEACAP) Science and Policy Committee (SPC) and Technical Centers (TC) was held virtually on 2-3 June 2020.
2. The Meeting was attended by SPC members from China, Japan, Mongolia, Republic of Korea and the Russian Federation and representatives of TCs from China, Republic of Korea and the Russian Federation. Resource persons and government officials from China, Mongolia, Japan and the Republic of Korea also joined the meeting as observers (Annex 1. List of participants).
3. In the opening session, Mr. Ganbold Baasanjav, Head of the UNESCAP East and North-East Asia Office (ESCAP-ENE), highlighted the need to be more forward looking and ambitious about shared goals and actions, and to start operationalizing NEACAP's work. The Secretariat introduced the requirement by the 23rd Senior Officials Meeting of the North-East Asian Subregional Programme for Environmental Cooperation (NEASPEC) on the SPC to initiate extensive discussions as soon as possible but not later than the first quarter of 2020 on the priority areas of its future work and if possible workplans for the priority areas to be provisionally agreed upon by member States in advance of the next SOM through an arrangement proposed by the Secretariat and agreed upon by member States, and submit the recommendation to the next SOM for consideration.
4. In accordance with the Rules of Procedure for the Science and Policy Committee of NEACAP, the Meeting elected the following SPC members as Chair and Vice-Chair of the SPC:

Chair: Mr. Takashi Ohmura
Senior Fellow, Institute for Global Environmental Strategies, Japan

Vice-Chair: Mr. Alexander Romanov
Deputy Director General
Scientific Research Institute for Atmospheric Air Protection
Russian Federation

5. The Meeting adopted the provisional agenda without any amendment (Annex 2. Programme).
6. In Session 1 *Mapping out priority areas and activities of NEACAP*, the Meeting heard the “Potential NEACAP approaches and activities on emission inventory” presented by Professor Junghun Woo, Konkuk University (SPC member) and “Potential NEACAP approaches and activities on integrated assessment modeling” by Professor Shuxiao Wang, Tsinghua University (resource person). They were the authors of the two discussion papers on their respective topic¹. The Committee also noted the development on satellite-based air pollution monitoring through the Geostationary Environmental Monitoring Spectrometer (GEMS), shared by Professor Jhoon Kim, Yonsei University (resource person).
7. Noting the results of a survey² conducted by the Secretariat to inform the discussion on *Prioritization and Planning* of NEACAP’s work in 2021-2025, the Meeting focused the discussions on high value-added activities, creating synergies with existing mechanisms and the capacity building needs in substantive areas in the core programmes of NEACAP.
8. In the following day, the Meeting focused on Session 2: *NEACAP workplan (2021-2025) and SPC recommendation* based on a draft workplan prepared by the Secretariat. Throughout the discussions, the meeting identified “Policy and Technology Cooperation” as the priority area in the next five years, which was agreed upon by consensus, and deliberated on the goals, approaches and specific activities, including knowledge and best practice sharing, collaboration with existing relevant mechanisms and capacity building programmes.
9. The Meeting highlighted the need for capacity building for deepening the long-term regional cooperation. The Meeting also discussed developing an emission inventory that is compatible with integrated assessment modeling, if available. Further discussion will be conducted on taking a phased approach, as appropriate, towards developing an emission inventory, taking into account national circumstances and gaps in the national statistical system and capacity.
10. Noting the sequencing between inventory and integrated assessment modeling, the Meeting discussed preliminary activities of the integrated assessment modeling with existing studies.
11. The Secretariat proposed that a meeting of NEASPEC National Focal Points (tentatively planned in late July 2020) and the 24th Senior Officials Meeting of NEASPEC (tentatively planned in late September 2020) will be further opportunities to elaborate the priority area through consultations with member States. The Secretariat informed the Meeting that the NEACAP workplan will be an integral part of the NEASPEC Strategic Plan 2021-2025 to be approved by the 24th Senior Officials Meeting.
12. The Meeting also discussed the process and roles of NEACAP bodies, including Secretariat, Working Groups as suggested by SPC-1 and Technical Centers, in substantiating a general workplan with specific activities. The Meeting noted the need of defining specific roles of each Technical Center and the secretariat plan to carry out consultations with Technical Centers on

¹ Discussion papers are available to download at <http://www.neaspec.org/article/2nd-science-and-policy-committee-and-technical-centers-meeting>

² The report of survey results is available to download at <http://www.neaspec.org/sites/default/files//Report%20of%20NEACAP%20SPC%20Survey.pdf>

the roles. The meeting also noted the need of defining budget for Technical Centers.

13. The Meeting was briefed about estimated budget scale to financially support the implementation of NEACAP Work Plan 2021-2025 and recognized possible potential contributions by the Government of Mongolia and other member States.
14. Since the NEACAP Work Plan 2021-2025 was distributed to the SPC members and TC representatives on the morning of June 3, 2020, more time was needed to conclude on the priority areas and workplan. Thus, the Chair suggested, and the Meeting agreed to take the following process to finalize the work plan and have an ad-hoc meeting to address pending issues if necessary.
 - Secretariat will circulate a revised draft recommendation and workplan on 5 June 2020;
 - SPC members and TC representatives will provide written comments on the revised draft recommendation and workplan no later than Wednesday, 10 June 2020, within the scope of the discussions during the 2nd SPC and TC meeting;
 - Secretariat will incorporate the submitted comments to the revised draft and circulate the final draft for the participants for their review and confirmation;
15. The Meeting requested the Secretariat to consult on the provisional programme and the candidates of resource persons, and share meeting documents with SPC members and TCs well in advance following the Rules of Procedure to secure sufficient time for their internal preparations. The Secretariat affirmed to comply with the timeline for document distribution.

North-East Asia Clean Air Partnership (NEACAP)
2nd Science and Policy Committee and Technical Centers Meeting
2-3 June 2020
Virtual meeting

LIST OF PARTICIPANTS

SCIENCE AND POLICY COMMITTEE (SPC) MEMBERS

CHINA

Mr. Jingnan Hu
Executive Deputy Director
Atmospheric Environment Institute
Chinese Research Academy of Environmental Sciences

Mr. Yu Lei
Director
Institute of Atmospheric Environment Planning
Chinese Academy of Environment Planning

JAPAN

Mr. Takashi Ohmura
Senior Fellow
Institute for Global Environmental Strategies

Mr. Junichi Kurokawa
Chief Senior Researcher
Asia Center for Air Pollution Research

MONGOLIA

Ms. Gantuya Ganbat
Head of Unit of Research, Innovation and
Environmental Quality, National Committee on Reducing
Environmental Pollution

Mr. Batbayar Jadamba
Director, Environment monitoring division of NAMEM

REPUBLIC OF KOREA

Mr. Cheol-Hee Kim
Professor
Pusan National University

Mr. Jung-Hun Woo
Professor
Konkuk University

RUSSIAN FEDERATION

Mr. Alexander Romanov
Deputy Director General of International Cooperation
Scientific Research Institute for Atmospheric Air
Protection (SRI Atmospheric, JSC)

TECHNICAL CENTERS

CHINA

Ms. Jieyun Wu
Deputy Director, International Cooperation Center
Chinese Research Academy of Environmental Sciences

REPUBLIC OF KOREA

Mr. Kwon Ho Jeon
Senior Researcher/PE
Climate and Air Quality Research Department
Global Environment Research Division, LTP Project
Secretariat
National Institute of Environmental Research (NIER)

RUSSIAN FEDERATION

Mr. Alexander Romanov
Deputy Director General
Scientific Research Institute for Atmospheric Air Protection
(SRI Atmospheric, JSC)

GOVERNMENTS

Mr. Feng Yan, Deputy Director, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment, China

Ms. Chuan Shi, Deputy Director, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment, China

Mr. Xiangyi Chen, Project Manager, Foreign Environmental Cooperation Center (FECO), Ministry of Ecology and Environment, China

Ms. Minako Kawai, Ministry of the Environment, Japan

Ms. Ariuntuya Dorjsuren, Senior officer, Department of Climate Change and International Cooperation, Ministry of Environment and Tourism, Mongolia

Ms. Hyejung Hur, Second Secretary, Climate Diplomacy and Green Economy Division, Ministry of Foreign Affairs, Republic of Korea

Mr. Dohyeon Kim, Climate Diplomacy and Green Economy Division, Ministry of Foreign Affairs, Republic of Korea

RESOURCE PERSONS

Ms. Shuxiao Wang, Professor, Tsinghua University, China

Mr. Jhoon Kim, Professor, Yonsei University, Republic of Korea

UNESCAP

East and North-East Asia Office/ NEASPEC SECRETARIAT

Mr. Ganbold Baasanjav
Head/Director

Mr. Sangmin Nam
Deputy Head

Ms. Qian Cheng
Associate Environmental Affairs Officer

Ms. Minkyung Hong
Research Associate

Environment and Development Division

Mr. Matthew Perkins
Economic Affairs Officer

Ms. Ju Hee Seo
Project consultant

OBSERVERS

Ms. Joyce Miller, Independent External Expert Evaluation of North-East Asia Subregional Programme of Environmental Cooperation (NEASPEC)

Ms. Hyo-Jin Eom, Researcher, National Institute of Environmental Research (NIER)

Ms. Jane Seo, Editor, National Institute of Environmental Research (NIER)

North-East Asia Clean Air Partnership (NEACAP)

2nd Science and Policy Committee and Technical Centers Meeting

2-3 June 2020
Virtual meeting

Programme

Day 1: Tuesday, 2 June, 14:00 – 18:00 (Seoul time; GMT+9)	
14:00 – 14:15	Opening Session <i>Opening remarks by Mr. Ganbold Baasanjav, Head of ESCAP East and North-East Asia Office</i> <i>Introduction of the meeting, NEASPEC Secretariat</i>
14:15 – 14:20	Election of officers and adoption of the agenda
14:20 – 15:20	Session 1. Mapping out priority areas and activities of NEACAP <ul style="list-style-type: none">• Potential NEACAP approaches and activities on emission inventory, <i>Prof. Junghun Woo, Konkuk University</i>• Potential NEACAP approaches and activities on integrated assessment modeling, <i>Prof. Shuxiao Wang, Tsinghua University</i>• Satellite-based monitoring air pollution: Geostationary Environmental Monitoring Spectrometer (GEMS), <i>Prof. Jhoon Kim, Yonsei University</i> Q&A
15:20 – 16:20	Discussion – <i>Prioritization and planning</i> <ul style="list-style-type: none">• Survey results for NEACAP Priority Areas and Workplan (2021-2025), <i>Mr. Sangmin Nam, NEASPEC Secretariat</i>• Discussion on <i>prioritization, goals, approaches and modalities</i><ul style="list-style-type: none">○ Emission inventory○ Policy scenario and Integrated Assessment Modeling○ Transport and deposition modeling of air pollutants○ Air pollution monitoring○ Policy and technology cooperation
16:20 – 16:30	Break

16:30 – 17:45	Discussion (continued) – <i>Planning</i> <ul style="list-style-type: none"> • Additional input and reflections on prioritization • Activity planning, resources and timeline • Technical centers • Collaboration with other mechanisms • Rules of Procedure for Technical Centers and Working Groups
17:45 – 18:00	Summary of discussions
Day 2: Wednesday, 3 June, 14:00 – 18:00 (Seoul time, GMT+9)	
<i>Morning</i>	<i>Circulation of draft workplan</i> <i>Secretariat will circulate a draft workplan to SPC and TC members for review.</i>
14:00 – 16:00	Session 2. NEACAP workplan (2021-2025) and SPC recommendation <ul style="list-style-type: none"> • Comments and discussion on the initial draft workplan • SPC recommendation to SOM • Additional inputs from SPC members and TCs
16:00 – 16:10	Break
16:10 – 17:30	Discussion (continued)
17:30 – 18:00	Conclusions