



SESSION SCENARIO

Session Track	TRACK 5- Regional Cooperation for Clean Air
Info	
Date	15 November 2023 (Wednesday) – Day 1 Main Conference
Time	1400hrs – 1530hrs (1.5 hours)
Session Title	Regional Updates on Air quality and Action

Time	Speaker	Agenda/Script
14:00 – 14:01	(Session Emcee) Mr. Enrique Mikhael Cosep <i>Senior Researcher</i> Clean Air Asia 	<p>Good day, everyone! Welcome to the Better Air Quality Conference session on 'Regional Updates on Air Quality and Action' I am Miko Cosep, Senior Researcher of Clean Air Asia and I will be hosting this session where we will learn more from the experts on the regional updates and progress in air quality management. Today's session will focus on current efforts and initiatives in the region for improvement of air quality.</p> <p>We will delve into how availability of resources, technical knowhow, political leadership, access to technology, and other geographical, social, and economic factors define air quality management. This session will also give attention to the advancements of air quality practices, policies, and programs in other regions.</p>
14:01 – 14:05	Bjarne Pedersen <i>Executive Director</i> Clean Air Asia 	<p>To officially open the session, let's welcome to the stage Mr. Bjarne Pedersen, <i>Executive Director</i> of Clean Air Asia, to provide a framing presentation for our session.</p> <p>Let us all welcome Mr. Pedersen to the stage.</p> <p>Opening remarks on air quality and action updates in the Asian region *Opening remarks for 4 mins*</p> <p>Talking points:</p> <ol style="list-style-type: none"> 1. This session discusses the progress of the region in improving air quality over the past years. This includes criteria pollutant annual averages, and the status of cities in relation to the WHO air quality guideline levels. 2. In addition, this session discusses the extent of air quality monitoring networks in the region, as

		<p>well as factors which affect the development of these networks over time.</p> <p>3. Presenters from the EU and the US will be sharing air quality management updates that cities may use as a guide in developing their own polices and measures.</p>
<p>14:05 – 14:25</p>	<p>Everlyn Gayle Tamayo-Araneta <i>Air Quality and Climate Change Science Lead</i> Clean Air Asia</p> 	<p>Emcee: Thank you, Mr. Pedersen Now we move on to an overview of air quality and management approaches in Asia.</p> <p>Emcee: We'd now like to welcome Ms. Everlyn Gayle Tamayo-Araneta. Ever is the Air Quality and Climate Change Science Lead of Clean Air Asia. Ever leads in keeping track of regional trends and developments relevant to air quality and climate change, including identification of emerging new areas of focus for Clean Air Asia's impact initiatives. She leads a team of specialists and researchers in helping governments achieve air quality improvement and emission reduction targets through science-based policy and decision making that are institutionalized through Clean Air and Climate Action Plans.</p> <p>Ever, the floor is yours.</p> <p>Asia Status and Trends Report *presentation for 20 mins*</p> <p>Emcee: Thank you, Ever. <i>*if there is time, emcee to provide 1-2 key takeaways from the presentation*</i></p>
<p>14:25 – 14:45</p>	<p>Dr. Leonor Tarrason <i>Research Director for Environmental Solutions</i> Norwegian Institute for Air Research</p>	<p>Emcee: To share more on the EU's air quality management updates, let us welcome Dr. Leonor Tarrason, Research Director for Environmental Solutions of the Norwegian Institute of Air Research. She has over 30 years of experience in air pollution modeling, supporting the implementation of control options, and air quality legislation at urban and regional levels. She is currently responsible for policy-user interaction activities under the Copernicus Atmospheric Monitoring Service (CAMS), advocating for the use of Citizen Science to inform urban air pollution solutions. She is currently a member of the Scientific Committee of the European Environment Agency (EEA).</p> <p>Let us all give Dr. Tarrason a round of applause.</p>

		<p>Air Quality Management Updates in Europe *presentation for 20 mins*</p> <p>Emcee: Thank you, Dr. Tarrason. <i>*if there is time, emcee to provide 1-2 key takeaways from the presentation*</i></p>
<p>14:45 – 15:05</p>	<p>Ms. Kayla McCauley <i>Physical Scientist</i> Office of Air Quality Planning & Standards, US Environmental Protection Agency</p> 	<p>To share updates on air quality management and policy development in the US, let us all listen to a video presentation of Ms. Kayla McCauley, Physical Scientist of the Office of Air quality Planning and Standards of the US Environmental Protection Agency.</p> <p>Kayla is an atmospheric scientist in the EPA’s Office of Air Quality and Planning Standards working at the intersection of climate and air quality. Engaging on initiatives both in the U.S. and internationally, her work includes leading U.S. emissions reporting for the UN Convention on Long Range Transboundary Air Pollution, strengthening air quality capacity building efforts, and focusing on multi-pollutant approaches to air quality management.</p> <p>Let’s all kindly welcome Kayla to the virtual stage.</p> <p>Air Quality Management and Policy Development in the US *presentation for 20 mins*</p> <p>Emcee: Thank you very much Kayla. <i>*if there is time, emcee to provide 1-2 key takeaways from the presentation*</i></p>
<p>15:05 – 15:25</p>	<p>Dr. Kim Oanh <i>Emeritus Professor</i> Department of Energy, Environment and Climate Change, Asian Institute of Technology</p>	<p>*Move the chairs to the front of the stage*</p> <p>We will now transition to a moderated panel discussion to have further discourse on what has been presented, as well as to give the audience an opportunity to ask questions to our panelists. The discussion will be moderated by Dr. Kim Oanh, an internationally recognized and awarded scientist, and currently an Emeritus Professor of the Department of Energy, Environment and Climate Change of the Asian Institute of Technology.</p>



Other panelists:

Dr. Leonor Tarrason
*Research Director for
 Environmental Solutions*
 Norwegian Institute for
 Air Research

**Ms. Everlyn Gayle
 Tamayo-Araneta**
*Air Quality and Climate
 Change Science Lead*
 Clean Air Asia

With over 35 years of experience on air pollution and climate in Asia, she has been recognized in the top 2% globally most cited scientists in the field of "Meteorology and Atmospheric Sciences". Her research covers a wide range of areas and has had a significant impact on environmental policy and public health in the region. She is also a member of various technical groups and networks such as the science panel of the Asia Pacific Clean Air Partnership (APCAP) and was part of the WHO Guideline Development Group for the update of the Global Air Quality Guidelines, 2021.

Joining Dr. Kim in this panel discussion are Dr. Tarrason and Ms. Ever.

May we invite Ms. Ever, Dr. Tarrason, and Dr. Kim on stage.

wait for panelist to come on stage


*Unfortunately, Kayla is not available to join us online, but she endorsed us some of her insights on this session, based on some relevant discussion points. **Dr. Kim, the floor is yours.***

Moderated Panel Discussion
20 mins

Moderator: Apart from what was presented earlier, we can frame our discussion on the following guide questions:

1. How can we ensure that air quality data can be used to develop and implement air quality policies?
2. What are three key factors that ensure success in implementing air quality improvement policies?
3. What was the biggest challenge in the prioritization of specific measures?
4. When there is limited financial resources, what are practical solutions that can still be employed?

Any comments from my fellow panelists? Or maybe anyone from the audience has something to share based on the guide questions, or any queries related to presentations earlier?

		<p><i>Let's first hear what Ms. Kayla has prepared, based on the guide questions.</i></p> <p>We have heard from Ms. Kayla of the US EPA, does anyone from the panel have anything to add? Or maybe anyone from the audience has something to share based on the guide questions, Ms. Kayla's response, or any queries related to what the panelists have presented earlier?</p> <p>*check time; if 2 minutes are remaining, can entertain one more question from the audience*</p> <p>Thank you everyone for the meaningful discussion. This session has definitely added to everyone's understanding of what is currently happening to the air quality management system in the region, as well developments in other parts of the world.</p> <p><i>*proceed with closing*</i></p>
15:25 – 15:30	Closing	The Moderator highlights key points from the presentations/speeches and wraps up the forum (5mins)
	<p>End (Session Emcee) Mr. Enrique Mikhael Cosep <i>Senior Researcher</i> Clean Air Asia</p> 	<p>Thank you, Dr. Kim. Thank you to all our speakers and participants. And that wraps up our session. I hope everyone had a great time learning from our experts.</p> <p>Kindly enjoy our afternoon coffee break and please do visit our poster pitch sessions near the Innovation Hub.</p>

SESSION AGENDA

Session Title	Regional Updates on Air Quality and Action
Session Track	TRACK 5 – Regional Cooperation for Clean Air
Date	15 November 2023 (Wednesday) – Day 1 Main Conference (MFH 3)
Time	14:00 – 15:30 (1.5 hours)

Background	<p>Air pollution solutions are envisioned to remain as one of the priorities of governments and institutions globally, as nations collectively aim for better air quality. The extent and effectiveness of air quality actions vary across regions, countries, and cities, in the same way that the impacts and health burden of air pollution disproportionately affect more vulnerable and poorer populations. Air quality policies and measures are defined by the availability of resources, capacities, political will, local geographical and socio-economic contexts, access to technology, and other factors – but all approaches are meant to improve air quality to uplift overall quality of life.</p> <p>Clean Air Asia recognizes that despite challenges, there is a great opportunity to learn from each other on a global scale about what has and has not worked. There is a need for continuous opportunities for co-learning on best practices and practical approaches on air quality management that transcend geographic boundaries. In this session, regional updates on air quality and action will be presented and discussed, providing an avenue for policymakers, academia, private sector and other stakeholders, to learn and apply various approaches to address air pollution.</p>
Objective of the Session	<p>The session aims to provide a global overview of the latest status and updates on air pollution and air quality management. This co-learning session will discuss key findings of the <i>Clean Air Asia 2023 Asia Air Quality Management Status and Trends Report</i>, together with important developments in air pollution actions in Europe and America. The discussions can help in identifying opportunities for learning, collaboration, and strategies that can be applied in Asia and other parts of the world, in consideration of local context and national commitments. The session is envisioned to provide insights on how air quality data is used to inform development and implementation of air quality management policies across different regions, highlighting key lessons learned and recommendations for Asia.</p>
Session Organizers	Clean Air Asia

AGENDA		SPEAKER
14:00-14:05 (5 min)	<p>Opening Brief overview of the session agenda and importance</p>	<p>Mr. Bjarne Pedersen Executive Director, Clean Air Asia</p>
14:05-14:25 (20 min)	<p>Asia Status and Trends Report Overview of air pollution data and air quality management approaches in Asia</p>	<p>Ms. Everlyn Gayle Tamayo-Araneta Air Quality and Climate Change Science Lead, Clean Air Asia</p>

<p>14:25-14:45 (20 min)</p>	<p>Air Quality Management Updates in Europe Key highlights of the EU Ambient Air Quality Directives and its implementation</p>	<p>Dr. Leonor Tarrason Research Director for Environmental Solutions, Norwegian Institute for Air Research</p>
<p>14:45-15:05 (20 min)</p>	<p>Air Quality Management and Policy Development in the US Discussion of the development process, outcomes, and lessons learned in the implementation of air quality policies</p>	<p>Ms. Kayla McCauley Physical Scientist, Office of Air Quality Planning & Standards, US Environmental Protection Agency</p>
<p>15:05-15:25 (20 min)</p>	<p>Moderated Panel Discussion The panel discussion aims to provide the audience and the panel members an opportunity to ask questions and further elaborate on the topics presented.</p> <p>Possible discussion points/guide questions:</p> <ol style="list-style-type: none"> 1. How can we ensure that air quality data can be used to develop and implement air quality policies? 2. What are three key factors that ensure success in implementing air quality improvement policies? 3. What was the biggest challenge in the prioritization of specific measures? 4. When there is limited financial resources, what are practical solutions that can still be employed? 	<p>Dr. Kim Oanh Emeritus Professor, Department of Energy, Environment and Climate Change, Asian Institute of Technology</p> <p>All Panelists</p> <p>Moderated by Dr. Kim Oanh</p>
<p>15:25-15:30 (5 min)</p>	<p>Closing The Moderator highlights key takeaways from the discussions, with focus on key steps that can be implemented in the Asian context.</p>	

Session Emcee: Mr. Miko Cosep, Clean Air Asia