

# Workshop on Blue Sky and Low Carbon Actions Empowered by New Technologies (Tentative Agenda)

April 27, 2021 – Beijing, China

| Main Forum   |  |
|--|--|
| 8:30 – 9:00  | Registration   |
| 9:00 – 9:10  | Welcome and opening remarks  |
| Keynote Speeches   |  |
| 9:10 – 10:10   | <p><b>Keynote Speeches: Policy trends in emerging technologies, air pollution management, and low-carbon development</b></p> <ul style="list-style-type: none"> <li>This segment will feature government representatives and experts, who will overview emerging technologies' applications, development prospects, and related policy trends as they relate to air pollution management.</li> </ul> |
| 10:10 – 10:20  | Group photo & Break  |
| Presentations: Sharing cities' experiences and practices |  |
| 10:20 – 12:00  | <p><b>Presentations Overview:</b></p> <ul style="list-style-type: none"> <li>This segment will feature three Chinese city representatives and three global experts, who will share experiences, recommendations, and an overall outlook of how technical innovation can help air pollution management (six speakers total, each 15 minutes, with a 10 minute Q&amp;A).</li> </ul>                    |
| 12:00-12:30  | Opening ceremony for the carbon neutral technology innovation challenge  |
| 12:30 – 13:30  | Lunch Break  |

## Parallel Workshop 1: New technologies and pollutants

### Section 1: From satellite to low cost sensors

*This section will introduce the following topics: micro sensors, satellites, 5G, LiDAR, data infrastructure and other emerging technologies, and their applications in air quality monitoring*

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| 13:30 – 15:40 | <p><b>Keynote Speeches (4 speeches, 20 min each)</b><br/> <b>Q&amp;A (10 min)</b><br/> <b>Panel Discussion (40 min)</b></p> |
| 15:40 – 16:00 | <b>Break</b>  |

### Section 2: Source attributions/apportionment

*Source apportionment is an important tool to turn data into targeted action at both the local and national level. There are multiple methods to achieve source apportionment, ranging from creative monitoring initiatives and cutting-edge monitoring instruments, to the development of models and software. In this session, we aim to provide a general overview of available source apportionment practices, both in China and globally.*

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| 16:00 – 18:10 | <p><b>Keynote Speeches (4 speeches, 20 min each)</b><br/> <b>Q&amp;A (10 min)</b><br/> <b>Panel Discussion (40 min)</b></p> |
| 18:10 – 18:20 | <b>Summary</b>  |

## Parallel Workshop 2: Enabling integrated regulatory capacity

### Session 1: Coordinated Control of Multiple Air Pollutants and GHGs

*This section will introduce policies and technologies applied in co-control of multiple air pollutants (PM10, PM2.5, NOx, O3, etc.) and GHGs to strengthen urban planning and drive co-benefit solutions in key sectors.*

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| 15:40 – 16:00 | <b>Break</b>  |

### Session 2: Precise Monitoring and Enforcement

*This section will share city experiences and case studies on how to leverage new technologies to modernize air quality monitoring and enforcement capabilities worldwide*

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