

第三届“创蓝”国际清洁空气大会

Bluetech International Clean Air Conference 2017



Bluetech Award

The Bluetech International Clean Air Conference 2017 will unite around 400 participants, including policymakers, national and international experts, local environmental departments, technology companies, environmental organizations, researchers and media together to witness the future clean air evolving trend and cutting-edge development of clean air technologies around the world.

The conference will focus on China's future clean air roadmap and aims to address the policy, technology, funding and management aspects of air pollution. In the conference, the *Disaggregated Coal Treatment and Clean Heating Guideline* will be released, and VOCs Online Monitoring System Assessment Guidance, Special loans project from the Asia Development Bank for air pollution prevention in Jing-jin-ji and surrounding areas will also be introduced.

We've invited environmental department representatives' participation from many provinces and cities. Winners and Finalists of the Bluetech Award 2017 will be promoted through posters, display booths on-stage presentations and further match-making & showcase events with local cooperating government entities and research institutions and potential buyers using their technologies to support implementing clean air policies in China.

Meanwhile five sub-forums will be held, topic about local air quality management, disaggregated coal control and clean heating, air quality management and monitoring, clean air project investments and innovative clean air technologies.

Date: 14-15 December, 2017

Location: Presidential Hotel Beijing

Organizers :



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Supporting Organizations

Energy Foundation (China)	Asia Society (USA)
Beijing Municipal Research Institute of Environmental Protection	Zhongguancun International Environment Protection Industry Promotion Center
Chinese Research Academy of Environmental Sciences	Energy and Environment Branch of Chinese Society For Environmental Sciences
China National Investment and Guaranty Corporation	China Council for Industrial Environmental Protection
Chinese Society of Environmental Sciences – Professional Committee for Pollution Prevention and Control of Volatile Organic Compounds	Center for Environmental Education and Communications of Ministry of Environmental Protection (CEEC)
China Association of Environmental Protection Industry-Committee of Vehicle Emission Control	Beijing Global Village Environmental Education Center
China Electric Vehicle Charging Technology and Industry Alliance	China Energy Conservation Association Energy Saving Technology Promotion Specialized Committee
China Energy Storage Alliance	Beijing Environmental Monitoring Center
Beihang University	IE EXPO

Strategic Media Partner :

World Environment Magazine



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Specially Invited Guest (planned)

Hao Jiming	Academician	The Chinese academy of engineering, Tsinghua university
	Chairman	Clean Air Alliance of China steering committee
TBD		Administrative Committee of Zhongguancun Science Park
Catherine Witherspoon	Former CEO	California Air Resource Board
Chris James	Principle	Regulatory Assistance Project
N.Bruce Pickering	Vice President	Asia Society
Jiang Nanqing	National Officer	United Nations Environment Programme (UNEP)
Wang Xiaodong	Senior Project Officer	the World Bank
Lv Lin	Senior Project Officer	Asian development bank
Wang Jinnan	Academician, Director	Chinese academy for environmental planning
Ren Hongyan	Secretary General	Energy and Environment Branch of Chinese Society for Environmental Science
Chai Fahe	Chief Atmospheric Scientist	Chinese Research Academy of Environmental Sciences
Fu Qingyan	Associate Director	Shanghai Environmental Monitoring Center
Zhao Lijian	director	Energy Foundation environmental management project
Xu Yun	Chairman	ZhongGuancun International Environment Protection Industry Promotion Center
Wang Tong	General Manager	ZhongGuancun International Environment Protection Industry Promotion Center
Tang Dagang	Researcher	Chinese Research Academy of Environmental Sciences
Wang Junling	Associate Dean	Beijing Municipal Academy of Environmental Protection Science
Gao Song	Director	Atmosphere Room of Shanghai Environmental Monitoring Center

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Liu Baoxian	Associate Director	Atmosphere Room of Beijing Environmental Monitoring Center
Liu Mingbo	Project Leader	China Investment Company limited by Guarantee ADB
Wang Yanjun	Researcher	Environmental Protection Department Motor Vehicle Exhaust Pollution Monitoring Center
Yue Xin	Researcher	Chinese Research Academy of Environmental Sciences
Zhu Tianle	Professor	BeiHang University
Yu Zhenhua	Director-General	Zhongguancun Energy Storage Technology Industry Alliance
Lun Liyong	Secretary-General	China Energy Conservation Association Energy Saving Technology Promotion Specialized Committee
Luan Zhiqiang	Secretary-General	China Environmental Protection Industry Association Waste Gas Purification Committee
Su Sheng	Associate Director	Xiamen Environmental Protection Vehicle Pollution Control Technology Center
Yan Zhongkai	Director	China Environmental Protection Industry Association
Zhu Chun	Senior Engineer	Shanghai Architectural Science Research Institute Building Environment Technology Department



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Agenda (draft)

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2017-12-14 Morning Agenda

9:00-9:30 Opening Speech

Hao Jiming, Academician, Chinese Academy of Engineering, Tsinghua University; Chairman of CAAC Steering Committee

Jiang Nanqing, National Officer, UNEP

Representative from Management Committee of Zhongguancun

Representative from Beijing Municipal Bureau of Environmental Protection

9:30-10:30 Guest Keynote Speech

Key strategy of 13thFYP air pollution prevention

Wang Jinnan, Director, Chinese Academy for Environmental Planning

Policy strengthen driven technology innovation in California, US

Catherine Witherspoon, Former CEO, California Air Resource Board

Governance needs in 2+26 cities in Jing-Jin-Ji Region

Chai Fahe, Chief Atmospheric Scientist, Chinese Research Academy of Environmental Sciences

International experience on pollution-discharge permit system

Christopher James, Principal, The Regulatory Assistant Project

10:30-10:45 Tea Break

10:45-11:15 California-Beijing Bluetech acceleration partnership

The Clean Air Alliance of China and Asia Society will jointly introduced the California-Beijing Bluetech acceleration partnership

11:15-12:15 2017 Bluetech Award Ceremony

The session will announce and award the 2017 Bluetech Award Winners and Finalists. Including the following areas:

- Diesel engine emission reduction technologies & clean energy substitutes.
- Coal combustion emission control & clean energy substitutes



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(Non-power sector).

- VOCs substitution and pollution prevention.
- Indoor air pollution control.
- Advanced pollution source and air quality monitoring.
- Other commercial-ready technology
- Clean air technologies that attracted most public attention

2017-12-14 Afternoon Agenda

The Main Forum (Air Quality Innovation Management in Provinces/Cities)

Lecture:

- 1** *2030 China's clean air market outlook*
Innovation Center for Clean-air Solutions
- 2** *TBD*
Zhongguancun International Environment Protection Industry Promotion Center
- 3** *Progress in environmental supervision*
Chinese Academy for Environmental Planning

Panel Discussion

- 1** *Challenges, difficulties and needs from the cities*
Participated by representatives and experts from Beijing, Shanxi Province
Shenzhen, Changzhou and others
- 2** *Industry demand in clean air technologies*
Representatives from petroleum, chemical industry, automobile and other fields
- 3** *Funding mechanism for clean air plans and measures*
Representatives from China national investment and guaranty, corporation, the World Bank, ,Chinese Academy for Environmental Planning, China Energy Conservation and Environmental Protection Group, and other investment organization.



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2017-12-15 Morning Agenda

Sub-Forum I: Disaggregated Coal Control in Beijing-Tianjin-Hebei and Surrounding Areas and Clean Heating

For air pollution in Jing-Jin-Ji region, disaggregated coal burning is the main pollution factor, and at a certain time it affect regional air quality a lot, such as in winter heating by coal-fired and disaggregated coal burning pollution. To better implement the national requirements for the control of air pollution, improve the environmental quality of Jing-Jin-Ji region, it requires accelerating the clean energy transformation, strictly controlling the bulk coal burning emissions. In this sub-forum, environmental protection departments of the Jing-Jin-Ji region, policy and technical experts, and advanced technology enterprises will discuss bulk coal management solutions, and have presentation for the application of domestic and foreign advanced technology. The *Disaggregated Coal Treatment and Clean Heating Guideline* will be released in this sub-forum.

Partners: Beijing Municipal Research Institute of Environmental Protection, Energy Saving Technology Promotion Specialized Committee of China Energy Conservation Association.

Attendances: Representatives from the Jing-Jin-Ji region environmental protection department, the representatives from the advanced technology enterprises, the academic authorities, international organization, etc.

Sub-Forum II: Environmental Monitoring Technologies for Enforcement

Air quality and pollution sources monitoring is the main basis of air quality forecast and warning, also is the basis of atmospheric environmental governance, establish a more accurate list of pollution sources, be able to determine the local main pollution source, support to make pollution control policy. With the development of monitoring technology and Internet technology, online monitoring and monitoring network based on Internet technology is changing the traditional monitoring purposes. The sub-forum will focus on the next generation monitoring technology, the current situation and development trend of monitoring technology and policy to discuss and exchange.



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Partners: Chinese Research Academy for Environmental Science (CRAES), Shanghai Environmental Monitoring Center, Beijing Municipal Environmental Monitoring Center

Attendances: Representatives from environmental protection department, advanced technology enterprises, the academic authorities, industry associations, etc.

2016-12-15 Afternoon Agenda

Sub-Forum III: Clean Air Project Investments (ADB Beijing-Tianjin-Hebei Air Quality Improvement Loan Project Introduction)

Co-organizers: China National Investment and Guaranty Corporation

The Asia Development Bank will provide €458 million in loans for air pollution prevention in Beijing-Tianjin-Hebei and surrounding areas. With the funding, we hope it could beautify the environment while bring economic benefits. As the executive body, China National Investment and Guaranty Corporation will introduce more details and progresses of the Project, and also share knowledge and experience to help enterprises improve the fund use efficiency.

Partners: Asian Development Bank

Attendances: Representatives from the Jing-Jin-Ji region environmental protection department, the representatives from the advanced technology enterprises, the academic authorities, international organization, etc.

Sub-Forum IV: Innovative Clean Air Technologies (including VOCs, motor vehicle, indoor air pollution prevention)

- VOCs is one of the main primary pollutants in various regions throughout China and is one of the major precursors for secondary PM_{2.5} and ozone. VOCs and its secondary products are toxic and cancerous, harming public health. As the China launches the official “war on pollution” , the 13th Five Year Plan listed VOCs as an important



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contaminant, pushing some major cities and provinces to create their own VOCs control targets.

- Particulate emissions from diesel engine is one of the major sources on PM_{2.5} in China, which has strong carcinogenic. With improvement of strength on the air quality control, diesel engine pollution control has become one of the main tasks. In addition to diesel vehicles, ships, cargo handling machines and construction equipment are all diesel engine powered with signification emission. As one topic in this session, diesel engine pollution control difficulties, leading technical solutions, development trend, policy bottleneck and requirements will be taken in-depth discussion.
- People spend, on average, 70% of their time in indoor environment and therefore are potentially more exposed to indoor air pollutants. In addition to outdoor pollution infiltration, there are also many pollution sources in indoor environments, which causes high indoor air pollution that are often more severe than the outdoor air. As people are becoming more aware of air quality and health, concerns on the indoor air quality have also been raised.

Partners: Beihang University, Energy and Environment Branch of Chinese Society For Environmental Sciences, Chinese Society of Environmental Sciences – Professional Committee for Pollution Prevention and Control of Volatile Organic Compounds, Shanghai Research Institute of Building Science Group

Attendances: Representatives from environmental protection department, advanced technology enterprises, the academic authorities, industry associations, etc.

