



2019臭氧气候 工业圆桌会议

2019年4月10日
上海新国际博览中心 E2-M19会议室

日程

09:00-09:30 注册

圆桌会议开幕

主持人：张朝晖 副理事长兼秘书长，
中国制冷空调工业协会

09:30-10:00 开幕词

余立风 副主任，生态环境部对外合作与交流中心
胡少锋 区域协调员，联合国环境规划署臭氧行动
Mr. Devanand Ramiah 驻华副代表，联合国开发计划署驻华代表处

第一部分 臭氧气候替代技术有关的政策动态

主持人：王开祥 处长，生态环境部对外合作与交流中心

10:00-10:15 **中国制冷空调行业制冷剂替代政策及进展**
金钊 项目官员，生态环境部对外合作与交流中心

10:15-10:30 **臭氧气候友好技术政策趋势**
Mr. Alvin Jose 顾问，联合国环境规划署臭氧行动

10:30-10:45 **印度制冷行动计划——制冷行业整体政策框架**
Mr. Vikram Murthy 主席，印度供暖制冷和空调工程师学会

10:45-10:55 讨论

10:55-11:05 茶歇

第二部分 国际制冷剂替代动向

主持人：胡少锋 区域协调员，联合国环境规划署臭氧行动

11:05-11:20 **全球制冷剂替代技术：问题和进展**
Mr. Anderson Alves 项目专家，联合国开发计划署

11:20-11:35 **HFC削减和替代方向**
Mr. Stephen Yurek 总裁兼CEO，美国空调供暖和制冷工业协会

11:35-11:50 **欧洲F-Gas 法规实施的经验**
Ms. Andrea Voigt 秘书长，欧洲能源与环境合作协会

11:50-12:00 讨论

12:00-13:30 午餐

第三部分 臭氧气候技术问题探讨

主持人：关尧钊 高级专家，联合国开发计划署

13:30-13:45 **减少系统NH₃充注量的若干研究**
姜韶明 副总工，冰轮环境技术股份有限公司

13:45-14:00 **二氧化碳在国内制冷制热方面的应用**
韩兴旺 董事长，黑龙江爱科德科技有限公司

14:00-14:15 **R32商用空调设备的关键技术及应用推广**
王现林 副部长，珠海格力电器股份有限公司

14:15-14:30 **R290制冷剂相关技术和应用的研究开发**
过炜华 总监，艾默生环境优化技术（苏州）有限公司

14:30-14:50 讨论

14:50-15:00 茶歇

第四部分 行业推动臭氧气候技术的努力

主持人：Mr. Felix Van Eyken 秘书长，欧洲室内环境冷却处理及食品冷链行业协会

15:00-15:15 **中国行业替代发展趋势：努力和挑战**
张朝晖 副理事长兼秘书长，中国制冷空调工业协会

15:15-15:30 **臭氧气候友好技术转型：制冷空调行业的进展和期望**
岡田哲治 秘书长，日本冷冻空调工业协会

15:30-15:50 讨论

15:50-16:00 总结



2019 Ozone2Climate Industry Roundtable

10 April, 2019 Conference Room: E2-M19
Shanghai New International Expo Center, China



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AGENDA

09:00–09:30 **Registration**

Opening of the Industry Roundtable
Moderated by Mr. Zhang Zhaohui, Vice Chairman &
Secretary General, CRAA

09:30–10:00 **Opening remarks**

Mr. Yu Lifeng, Deputy Director General,
International Environmental Cooperation Center,
Ministry of Ecology and Environment of China
(IECO)
Mr. Hu Shaofeng, Regional Network Coordinator,
UN Environment OzonAction
Mr. Devanand Ramiah, Deputy Resident
Representative, UNDP China

Session-I: Global Policy Updates for Ozone2Climate Technologies
Moderated by Mr. Wang Kaixiang, Division Chief, IECO

10:00–10:15 **Progress and Policies in China for Adoption of
Alternative Refrigerant Technologies**

Mr. Jin Zhao, Project Officer, IECO

10:15–10:30 **Policy Trends for Ozone & Climate Friendly
Technologies**

Mr. Alvin Jose, Montreal Protocol & Energy
Efficiency Consultant, UN Environment OzonAction

10:30–10:45 **India Cooling Action Plan – An Umbrella Policy
Framework to Address Cooling Sector**

Mr. Vikram Murthy, National President Elect, Indian
Society of Heating, Refrigerating and Air Conditioning
Engineers (ISHRAE)

10:45–10:55 **Discussion**

10:55–11:05 **Coffee break**

Session-II: Global Alternative Refrigerant Technology Trends
Moderated by Mr. Hu Shaofeng, Regional Network
Coordinator, UN Environment OzonAction

11:05–11:20 **Global Refrigerant Technology Transition:
Progress and Issues**

Mr. Anderson Alves, Programme Specialist, UNDP

11:20–11:35 **An Industry Perspective on the HFC Phase
Down: Where We Go From Here**

Mr. Stephen Yurek, President and CEO, Air-
conditioning, Heating, and Refrigeration Institute
(AHRI)

11:35–11:50 **The F-Gas Regulation in Europe: 7 Lessons
Learned**

Ms. Andrea Voigt, Director General, European
Partnership for Energy and the Environment (EPEE)

11:50–12:00 **Discussion**

12:00–13:30 **Lunch break**

Session-III: Technical Issues for Ozone2Climate Technologies
Moderated by Mr. William Kwan, Technical Expert, UNDP

13:30–13:45 **Research on Small Ammonia Charge of the Cold
Storage Industry**

Ms. Jiang Shaoming, Deputy Chief Engineer, Moon
Environment Technology Co., Ltd.

13:45–14:00 **Carbon Dioxide in Refrigeration and Heating
Applications in China**

Mr. Alex Han Xingwang, Chairman, Heilongjiang
ARCO Technology Ltd.

14:00–14:15 **Application of R32 Technologies: Latest
Development and Issues**

Mr. Wang Xianlin, Vice Director, Gree Electric
Appliances, Inc. of Zhuhai

14:15–14:30 **R290 Technology & Application Research &
Development**

Mr. Guo Weihua, Director, Emerson Climate
Technologies (Suzhou) Co., Ltd.

14:30–14:50 **Discussion**

14:50–15:00 **Coffee break**

**Session-IV: The Effort of Industry in Promoting Ozone2Climate
Technologies**
Moderated by Mr. Felix Van Eyken, Secretary General,
EUROVENT

15:00–15:15 **Refrigerant Alternative Trends in China: Effort
and Challenges**

Mr. Zhang Zhaohui, Vice Chairman & Secretary
General, CRAA

15:15–15:30 **Ozone and Climate Friendly Technology
Transition: Progress and Expectation of R&AC
Industry**

Mr. Tetsuji Okada, President, Japan Refrigeration and
Air Conditioning Industry Association (JRAIA)

15:30–15:50 **Discussion**

15:50–16:00 **Conclusion**

