



2026 臭氧气候技术工业圆桌会议

2026 Ozone2Climate Technology Industry Roundtable

联合国环境规划署
 联合国开发计划署
 生态环境部对外合作与交流中心
 中国制冷空调工业协会
 诚挚邀请您参加
 臭氧气候技术工业圆桌会议

UNEP, UNDP, FECO/MEE and CRAA

Invite You to the Ozone2Climate Technology Industry Roundtable

臭氧气候技术路演		4月8日—10日 9:00—17:00	路演展区 A2E63
工业圆桌会议	政策与挑战	4月8日 13:30—16:30	路演展区 A2E63
	制冷剂替代技术	4月9日 9:30—12:00	路演展区 A2E63
	维修良好操作	4月9日 13:30—16:30	路演展区 A2E63

Ozone2Climate Technology Roadshow		April 8-10 9:00-17:00	Roadshow Booth A2E63
Industry Roundtable	Policies and Challenges	April 8 13:30-16:30	Roadshow Booth A2E63
	Refrigerant Substitution Technologies	April 9 9:30-12:00	Roadshow Booth A2E63
	Good Practices in the Servicing Sector	April 9 13:30-16:30	Roadshow Booth A2E63

会议直播—路演展区 A2E63
 Roadshow Booth A2E63
 QR code for live stream



(中文 Chinese) (英文 English)

圆桌会议提供中英文同声传译
 With simultaneous English and Chinese interpretation



2026年4月8日
北京·首都国际会展中心 路演展区 A2E63

8 April, 2026 Beijing Capital International Exhibition & Convention Center, Ozone2Climate Roadshow Booth A2E63

日程

13:00-13:30 注册

开幕式

主持人:刘援,一级主任专家,生态环境部对外合作与交流中心

13:30-14:00 致辞

邸伟杰,副主任,生态环境部对外合作与交流中心

Mr. Mikheil Tushishvili, 蒙特利尔议定书官员/南亚区域协调员, 联合国环境署臭氧行动

Mr. James George, 代理驻华代表, 联合国开发计划署

白俊文, 秘书长, 中国制冷空调工业协会

第一部分 《蒙特利尔议定书》实施进展

主持人:刘援,一级主任专家,生态环境部对外合作与交流中心

14:00-14:15 《蒙特利尔议定书》及其《基加利修正案》履约进展

杨倩, 二级调研员, 生态环境部大气环境司保护臭氧层处

14:15-14:30 中国制冷行业绿色替代实践和可持续履约挑战
马沛翎, 高级项目主管, 生态环境部对外合作与交流中心

14:30-14:45 《基加利修正案》实施背景下制冷空调维修行业政策框架

Mr. Mikheil Tushishvili, 蒙特利尔议定书官员/南亚区域协调员, 联合国环境署臭氧行动

14:45-15:00 《基加利修正案》进展及制冷空调行业转型政策

程冰心, 项目官员, 联合国开发计划署驻华代表处

15:00-15:15 讨论

第二部分 挑战与机遇

主持人:陈敬良, 副秘书长, 中国制冷空调工业协会

15:15-15:30 推动制冷剂全寿命周期管理和快速向可持续制冷技术过渡: 气候和清洁空气联盟倡议

Ms. Denise San Valentin, 项目官员, 气候和清洁空气联盟秘书处

15:30-15:45 美国制冷剂转型、研究、监管路径最新进展

Mr. Stephen Yurek, 总裁兼 CEO, 美国空调供暖和制冷工业协会

15:45-16:00 欧盟 F-GAS 法规最新动态及 PFAS 提案限制措施

Mr. Russell Patten, 秘书长, 欧洲能源与环境协会

16:00-16:15 中国制冷空调热泵行业实现近零 HFC 排放的路径

郑坦, 工业项目主管, 能源基金会

16:15-16:30 讨论

AGENDA

13:00-13:30 Registration

Opening Ceremony

Moderated by Ms. Liu Yuan, Division of Montreal Protocol, FECO

13:30-14:00 Opening Remarks

Mr. Di Weijie, Deputy Director, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment (FECO)

Mr. Mikheil Tushishvili, Montreal Protocol Officer & ExCom Coordinator & Interim Regional Coordinator for South Asia Network, UNEP OzonAction

Mr. James George, Resident Representative ad interim, UNDP China

Mr. Bai Junwen, Secretary-General, CRAA

Session I: Progress in the Implementation of MP

Moderated by Ms. Liu Yuan, Division of Montreal Protocol, FECO

14:00-14:15 Progress of Implementation of the Montreal Protocol and Kigali Amendment

Ms. Yang Qian, Division of Ozone Layer Protection, Department of Atmospheric Environment, Ministry of Ecology and Environment

14:15-14:30 Green Alternative Practices and Sustainable Compliance Challenges in China's ICR Industry

Mr. Ma Peiling, Senior Program Officer, FECO

14:30-14:45 Policy Framework in the Refrigeration and Air-conditioning Servicing Sector in the Context of the Kigali Amendment Implementation

Mr. Mikheil Tushishvili, Montreal Protocol Officer & ExCom Coordinator & Interim Regional Coordinator for South Asia Network, UNEP OzonAction

14:45-15:00 Progress on both the Kigali Amendment and Transformation Policies for the Refrigeration and Air-conditioning Industry

Ms. Cheng Bingxin, Program Officer, UNDP China

15:00-15:15 Q&A

Session II: Challenges and Opportunities

Moderated by Mr. Chen Jingliang, Deputy Secretary General, CRAA

15:15-15:30 Promoting Lifecycle Refrigerant Management and Fast Transition to Sustainable Cooling Technologies: Initiatives by the Climate and Clean Air Coalition

Ms. Denise San Valentin, Program Management Officer, Climate and Clean Air Coalition (CCAC)

15:30-15:45 Update From the United States: Refrigerant Transition, New Refrigerant Research, New Regulatory Path

Mr. Stephen Yurek, President and CEO, AHRI

15:45-16:00 An Update on the EU's F-Gas Regulation and on the Proposed PFAS Restriction

Mr. Russell Patten, Director General, EPEE

16:00-16:15 Roadmap for Achieving Near-zero HFC Emissions in China's Refrigeration, Air Conditioning and Heat Pump Sector

Mr. Zheng Tan, Program Officer, Energy Foundation

16:15-16:30 Q&A

2026年4月9日
北京·首都国际会展中心 路演展区 A2E63

9 April, 2026 Beijing·Capital International Exhibition & Convention Center, Ozone2Climate Roadshow Booth A2E63

日程

9:00-9:30 注册

第一部分

主持人：史琳，教授，清华大学

9:30-9:45 天然制冷剂——制冷、热泵和冷水机的最新全球市场趋势

Mr. Jan Dusek, 首席运营官兼亚太地区业务主管, ATMOSphere

9:45-10:00 采用可燃性制冷剂制冷空调产品安全要求与试验规定

谢宝刚, 副院长/高级工程师, 合肥通用机电产品检测院有限公司

10:00-10:15 单元式空调机可燃性制冷剂充注减量化方法及应用

张华, 副校长/教授, 上海理工大学

10:15-10:30 高效压缩机及制冷剂替代技术进展

邢子文, 教授, 西安交通大学

10:30-10:45 讨论

第二部分

主持人：黄东，教授，西安交通大学

10:45-11:00 工业高温热泵解决方案—水蒸气压缩机产业应用新突破

陈文卿, 总工程师/中央研究院院长, 冰轮环境技术股份有限

11:00-11:15 冷链设备设施制冷剂替代

田长青, 研究员, 中国科学院理化技术研究所

11:15-11:30 二氧化碳的机遇与可能

Mr. Sean Chapman, CCR 首席技术官, 海尔开利

11:30-11:45 车用热管理系统用工质的选择及压缩机开发

周易, 首席技术官 (CTO), 上海海立 (集团) 股份有限公司

11:45-12:00 讨论



AGENDA

9:00-9:30 Registration

Session I

Moderated by Prof. Shi Lin, Tsinghua University

9:30-9:45 **Natural Refrigerants: Latest Global Market Trends in Refrigeration, Heat Pumps and Chillers**

Mr. Jan Dusek, COO & Head of APAC, ATMOSphere

9:45-10:00 **Safety Requirements and Test Specifications for Refrigeration and Air-Conditioning Products Using Flammable Refrigerants**

Mr. Xie Baogang, Vice President/ Senior Engineer, Hefei General Machinery & Electrical Products Inspection Institute

10:00-10:15 **Reducing Methods and Applications of Combustible Refrigerant Charge in Unitary Air Conditioners**

Prof. Zhang Hua, Vice President, University of Shanghai for Science and Technology

10:15-10:30 **New Progresses of High Efficiency Compressors and Alternative Refrigerant Technologies**

Prof. Xing Ziwen, Xi'an Jiaotong University

10:30-10:45 Q&A

Session II

Moderated by Prof. Huang Dong, Xi'an Jiaotong University

10:45-11:00 **Industrial High-Temperature Heat Pump Solution: New Breakthrough in Water Vapor Compressor Applications**

Mr. Chen Wenqing, Chief Technology Officer, Moon Environment Technology Co., Ltd.

11:00-11:15 **Refrigerant Replacement for Cold Chain Equipment and Facilities**

Prof. Tian Changqing, Technical Institute of Physics and Chemistry, Chinese Academy of Sciences

11:15-11:30 **CO₂ Possibilities**

Mr. Sean Chapman, Chief Technology Officer of CCR, Haier Carrier

11:30-11:45 **Advancements in Working Fluid Selections and Compressor Developments for Vehicle Thermal Management Systems**

Mr. Zhou Yi, Chief Technology Officer (CTO), Shanghai Highly (Group) Co., Ltd.

11:45-12:00 Q&A

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北京·首都国际会展中心 路演展区 A2E63

9 April, 2026 Beijing·Capital International Exhibition &
Convention Center, Ozone2Climate Roadshow Booth A2E63

日程

13:00–13:30 注册

第一部分 维修行业计划

主持人: Mikheil Tushishvili, 蒙特利尔议定书官员/南亚区域
协调员, 联合国环境署臭氧行动

13:30–13:45 中国制冷维修行业的履约行动

滑雪, 高级项目主管, 生态环境部对外合作与
交流中心

13:45–14:00 制冷剂回收利用和再生现状、进展与挑战

于可利, 副会长, 中国物资再生协会

14:00–14:15 从管理需求出发: 制冷剂回收减排潜力研究
的价值与路径

胡俊杰, 正高级工程师, 生态环境部固体废物
与化学品管理技术中心

14:15–14:30 新政策下空调制冷剂回收利用与降碳新机制
探讨

蔡毅, 电器循环与绿色发展研究中心主任, 中
国家用电器研究院

14:30–14:45 讨论

第二部分 维修良好操作实践

主持人: 李红旗, 教授, 北京工业大学

14:45–15:00 制冷剂回收再生及再利用体系建设路径及对
行业绿色转型的驱动影响

韩晓红, 教授, 浙江大学

15:00–15:15 基于岗课赛证融合的制冷空调专业“良好操
作”人才培养探索与实践

徐言生, 教授, 顺德职业技术大学

15:15–15:30 研发实验室制冷剂回收与再利用的实践

慎世珍, 亚太研发中心工程副总裁, 谷轮环境
科技(苏州)有限公司

15:30–15:45 各种法规标准中常见单组分制冷剂的安全分类
分析

Ms. Louise McCann, 集团董事/商务战略总
监, 爱格思(上海)化学品有限公司

15:45–16:00 讨论

AGENDA

13:00–13:30 Registration

Session I: Plans in the Servicing Sector

Moderated by Mr. Mikheil Tushishvili, Montreal Protocol Officer &
ExCom Coordinator & Interim Regional Coordinator for South Asia
Network, UNEP OzonAction

13:30–13:45 Compliance Actions of China's Refrigeration
Service Sector

Ms. Hua Xue, Senior Program Officer, FECO

13:45–14:00 Current Status, Progresses, and Challenges
in Refrigerant Recovery and Recycling/
Reclamation

Mr. Yu Keli, Vice President, China National
Resources Recycling Association

14:00–14:15 From the Perspective of Regulatory
Requirements: Value and Pathways of
Researches on Emission Reduction Potential
of Refrigerant Recovery

Ms. Hu Junjie, Professorate Senior Engineer,
China Solid Waste and Chemicals
Management Technology Center of the
Ministry of Ecology and Environment of China

14:15–14:30 Exploring New Mechanisms for Refrigerant
Recovery and Carbon Reduction in Air
Conditioners under the New Policy

Ms. Cai Yi, Director of Center, China
Household Electric Appliance Research
Institute

14:30–14:45 Q&A

Session II: Good Practices in the Servicing Sector

Moderated by Prof. Li Hongqi, Beijing University of Technology

14:45–15:00 Implementation Pathways for Refrigerant
Recovery, Reclamation, and Reuse (RRR)
Systems and Their Driving Impacts on
Industrial Green Transformation

Prof. Han Xiaohong, Zhejiang University

15:00–15:15 Explorations and Practices of Talent
Cultivation for "Good Operation" in
Refrigeration and Air Conditioning Major
Based on the Integration of Job, Course,
Competition and Certificate

Prof. Xu Yansheng, Shunde Polytechnic
University

15:15–15:30 Practices in Refrigerant Recovery and Reuse
in R&D Laboratories

Ms. Shen Shizhen, Vice president of Asia
engineering, Copeland Suzhou R&D Center

15:30–15:45 Global Lifecycle Refrigerant Management

Ms. Louise McCann, Group Commercial
Director, A-Gas Group

15:45–16:00 Q&A