



2024 臭氧气候技术工业圆桌会议

2024 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 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 E3G43
工业圆桌会议	政策与挑战	4月8日 13:30~16:30	路演展区 E3G43
	绿色低碳制冷技术	4月9日 9:30~12:00	路演展区 E3G43
	维修良好操作	4月9日 13:30~16:30	路演展区 E3G43

Ozone2Climate Technology Roadshow		April 8-10 9:00~17:00	Roadshow Booth E3G43
Industry Roundtable	Policy and Challenges	April 8 13:30~16:30	Roadshow Booth E3G43
	Green and Low-Carbon Refrigeration Technology	April 9 9:30~12:00	Roadshow Booth E3G43
	Good Practices in the Servicing Sector	April 9 13:30~16:30	Roadshow Booth E3G43

会议直播—路演展区 E3G43
Roadshow Booth E3G43
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



2024 Ozone2Climate Technology Industry Roundtable

2024 年 4 月 8 日
北京·中国国际展览中心（顺义馆）
路演展区 E3G43

8 April, 2024 China International Exhibition
Center (Shunyi Hall), Beijing
Ozone2Climate Roadshow Booth E3G43

日程

13:00-13:30 注册

开幕式

主持人：尚舒文，副处长，生态环境部对外合作与交流中心

13:30-14:00 致辞

田成川，主任，生态环境部对外合作与交流中心

杨倩，三级调研员，生态环境部大气环境司

Ms. Elisa Rim，南亚区域协调员，联合国环境署

白雅婷，驻华代表，联合国开发计划署

张朝晖，副理事长兼秘书长，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：李雄亚，室主任，生态环境部对外合作与交流中心

14:00-14:15 我国《蒙特利尔议定书》履约进展和管理要求

杨倩，三级调研员，生态环境部大气环境司

14:15-14:30 《蒙特利尔议定书》履约形势及制冷行业可持续履约挑战

尚舒文，副处长，生态环境部对外合作与交流中心

14:30-14:45 亚太地区制冷空调维修行业进展

Ms. Elisa Rim，南亚区域协调员，联合国环境署

14:45-15:00 基加利修正案以及可持续制冷倡议

周晓芳，化学与废弃物中心主任，联合国开发计划署

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 欧盟第三版 F-gas 法规：主要内容和突出问题的评估

Mr. Russell McCleave Patten，秘书长，欧洲能源与环境协会

15:30-15:45 美国制冷剂替代的政策和技术最新进展

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

15:45-16:00 日本行业加快实现 2050 年碳中和的努力

Mr. Tetsuji Okada，秘书长，日本冷冻空调工业协会

16:00-16:15 低碳战略驱动制冷空调行业绿色发展

张朝晖，副理事长兼秘书长，中国制冷空调工业协会

16:15-16:30 讨论

AGENDA

13:00-13:30 Registration

Opening Ceremony

Moderated by Mr. Shang Shuwen, Deputy Division Chief of MP, FECO

13:30-14:00 Opening Remarks

Mr. Tian Chengchuan, Director General, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment (FECO)

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

Ms. Elisa Rim, Interim Montreal Protocol Regional Coordinator, South Asia, UNEP

Ms. Beate Trankmann, Resident Representative, UNDP China

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

Session I: Progress in the Implementation of MP

Moderated by Ms. Li Xiongya, Section Chief, FECO

14:00-14:15 Implementation Progress and Management Requirements of Montreal Protocol by China

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

14:15-14:30 Compliance Situation on Montreal Protocol and Sustainable Compliance Challenges in Refrigeration Industry

Mr. Shang Shuwen, Deputy Division Chief of MP, FECO

14:30-14:45 Overview of the Progress in the Refrigeration and Air Conditioning Servicing Sector in the Asia Pacific

Ms. Elisa Rim, Interim Montreal Protocol Regional Coordinator, UNEP

14:45-15:00 Kigali Amendment and Sustainable Cooling Initiative

Ms. Zhou Xiaofang, Director, Chemicals and Waste Hub, UNDP

15:00-15:15 Q&A

Session II: Challenges and Opportunities

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

15:15-15:30 The European Union's 3rd F-Gas Regulation: a Review of Key Content and Outstanding Issues

Mr. Russell McCleave Patten, Director General, EPEE

15:30-15:45 State of the Refrigerant Transition and Other Industry Issues

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

15:45-16:00 Accelerating Efforts towards Carbon Neutrality 2050

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

16:00-16:15 Low-Carbon Strategy Drives the Green Development of Refrigeration and Air Conditioning Industry

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

16:15-16:30 Q&A

2024 Ozone2Climate Technology Industry Roundtable: Green and Low-Carbon Refrigeration Technology

2024年4月9日
北京·中国国际展览中心（顺义馆）
路演展区 E3G43

9 April, 2024 China International Exhibition
Center (Shunyi Hall), Beijing
Ozone2Climate Roadshow Booth E3G43

日程

9:00-9:30 注册

第一部分

主持人：陈光明，教授，浙江大学

9:30-9:45 马来西亚 HCFCs 淘汰管理计划以及基加利修正案实施路线图
黄健伟，高级首席主任助理，马来西亚环境部

9:45-10:00 海南省冷链物流绿色低碳发展路径研究
邬乐雅，主任，海南省环境科学研究院应对气候变化研究中心

10:00-10:15 全球制冷暖通行业自然工质应用的政策法规和市场趋势
Mr. Jan Dusek，首席运营官兼亚太地区业务主管，ATMOsphere

10:15-10:30 空调制冷行业的新制冷剂与技术
金珉辰，全球市场经理，科慕公司

10:30-10:45 讨论

第二部分

主持人：史琳，教授，清华大学

10:45-11:00 NH₃/CO₂ 制冷系统技术进展及应用
张会明，副总裁，冰轮环境技术股份有限公司

11:00-11:15 滚动转子式压缩机在天然工质应用方面的开发进展
周易，CTO，上海海立（集团）股份有限公司/上海海立电器有限公司

11:15-11:30 中国制冷空调能效标准制修订进展与升级
成建宏，研究员，中国标准化研究院

11:30-11:45 压缩机制冷剂替代及能效提升技术
邢子文，教授，西安交通大学

11:45-12:00 讨论



AGENDA

9:00-9:30 Registration

Session I

Moderated by Mr. Chen Guangming, Professor, Zhejiang University

9:30-9:45 **The Roadmap for Implementing Malaysia's HPMP and KIP**
Mr. Ryan Ooi Chean Weai, Senior Principal Assistant Director, Department of Environment Malaysia (DOE)

9:45-10:00 **Study on Green and Low-Carbon Development Path of Cold Chain Logistics in Hainan Province**
Mr. Wu Leya, Director, Climate Change Research Center, Hainan Research Academy of Environmental Sciences

10:00-10:15 **Global Policy, Market and Technology Trends for Natural Refrigerant Applications in Refrigeration and Heat Pumps**
Mr. Jan Dusek, COO & Head of APAC, ATMOsphere

10:15-10:30 **Alternative Refrigerants and Technology in HVACR Industry**
Ms. Kim Minjin, Global Marketing Manager, The Chemours Company FC, LLC

10:30-10:45 Q&A

Session II

Moderated by Ms. Shi Lin, Professor, Tsinghua University

10:45-11:00 **The Progress and Application of NH₃/CO₂ Refrigeration System Technology**
Mr. Zhang Huiming, Vice President, Moon Environment Technology Co., Ltd.

11:00-11:15 **Development Progress of Rolling Piston Compressors in the Application of Natural Refrigerants**
Mr. Zhou Yi, CTO, Shanghai Highly (Group) Co., Ltd./Shanghai Highly Electrical Appliances Co., Ltd.

11:15-11:30 **Progress of Energy Efficiency Standards for Refrigeration and Air Conditioning in China**
Mr. Cheng Jianhong, Professor, China National Institute of Standardization

11:30-11:45 **New Development of Compressor for Alternative Refrigerant and High Energy Efficiency**
Mr. Xing Ziwen, Professor, Xi'an Jiaotong University

11:45-12:00 Q&A

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日程

13:00–13:30 注册

第一部分 维修行业计划

主持人: Ms. Elisa Rim, 南亚区域协调员, 联合国环境署

13:30–13:45 制冷维修行业履约进展

滑雪, 高级项目官员, 生态环境部对外合作与交流中心

13:45–14:00 应对全球变暖的绿色制冷

Ms. Malin Emmerich, 顾问, 德国国际合作机构

14:00–14:15 制冷剂报废的机遇和挑战

胡俊杰, 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 制冷剂再生技术与碳中和目标实现路径

韩晓红, 秘书长, 绿色制冷剂研究与应用分会

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 房间空调器制冷剂回收处理现状及发展趋势

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

15:00–15:15 双碳目标下废旧空调及其制冷剂的回收处理

王九飙, 技术工艺部部长, 珠海格力绿色再生资源有限公司

15:15–15:30 从制冷剂管理角度分享中国的回收再利用实践

崔海峰, 服务部总经理, 特灵空调系统(中国)有限公司上海分公司

15:30–15:45 冷链设备制冷剂替代及良好操作教材编制与培训实践

王若楠, 副主任, 中国制冷空调工业协会

15:45–16:00 讨论

AGENDA

13:00–13:30 Registration

Session I: Plans in the Servicing Sector

Moderated by Ms. Elisa Rim, Interim Montreal Protocol Regional Coordinator, UNEP

13:30–13:45 Progress of the HPMP Implementation in the Refrigeration Servicing Sector of China

Ms. Hua Xue, Senior Project Officer, FECO

13:45–14:00 Green Cooling in a Warming World

Ms. Malin Emmerich, Advisor, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

14:00–14:15 Opportunities and Challenges of Refrigerant Disposal

Ms. Hu Junjie, Senior Engineer, China Solid Waste and Chemicals Management Technology Center

14:15–14:30 Refrigerant Reclamation Technology and its Path to Achieving Carbon Neutrality

Ms. Han Xiaohong, Secretary General, Green Refrigerants Research and Application Branch, CRAA

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 Current Situation and Development Trend of Recycling of Air Conditioners' Refrigerant

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

15:00–15:15 Recovery and Disposal of Waste Air Conditioner and Refrigerant under the "Dual Carbon Target"

Mr. Wang Jiubiao, Director, Zhuhai GREE Green Recycling Resources Co., Ltd.

15:15–15:30 Sharing China's Recycling Practices from the Perspective of Refrigerant Management

Mr. Cui Haifeng, Service General Manager, Trane Air Conditioning Systems (China) Co., Ltd. Shanghai Branch Office

15:30–15:45 Cold Chain Equipment Refrigerant Substitutes and Good Practice Materials Compilation & Training Practices

Ms. Wang Ruonan, Deputy Director, China Refrigeration and Air-Conditioning Industry Association (CRAA)

15:45–16:00 Q&A

