

CLIMATE AND OZONE PROTECTION ALLIANCE - COPA

Online-session: COPA China activities 2022-2025

Wednesday 27th August at 2:00 pm – 4:20 pm CST online (08:00 -10:20 CEST)

Welcome - Invitation Letter

As climate change issues become increasingly severe, global refrigerant consumption demand and emission disposal continue to increase. Estimate indicates that the installed capacity of cooling equipment globally will almost triple until 2050. It is a vicious cycle, as many refrigeration and air conditioning appliances contain refrigerants with high global warming potential as well as ozone depleting potential. It is thus necessary to seek systematic and holistic solutions to build a sustainable life-cycle refrigerant management (LRM), while in parallel promote a global low-carbon development of the cooling sector.

As the world's largest producer, consumer, and exporter of refrigerants, China faces significant challenges but also immense opportunities for transitioning the cooling sector towards sustainable refrigerant management. Consequently, key actors and stakeholders in China together with the Climate Ozone Protection Alliance – short COPA, conducted several activities for increasing knowledge, raising awareness, and piloting solutions for LRM and sustainable management ODS and HFCs. The results are presented by the partners in this online session.

The activities with COPA in China show how recycling and regenerating refrigerants not only help achieve the "synergistic benefits" of reducing environmental safety risks, reducing ozone layer depletion, and mitigating greenhouse gas effects, but also help resolve the contradiction between refrigerant supply and demand now, and in the future. Thereby, these activities contribute to achieving China's "dual carbon target" to peak CO₂ emissions before 2030 and to achieve carbon neutrality before 2060.

The presentation slides as well as the recording of the session will be made available on the COPA website after the session at: <https://www.copalliance.org/home> To join the session on line, click the below link:

Time: Aug.27, 2025 14:00 China time / 08:00 am Europe (ECT)
Meeting: <https://zoom.us/j/93500669619?pwd=UimC34BBopoZNEBKbNf8432iaf1wYh.1>
Meeting number: 935 0066 9619
Password: 300482

Note: The event language will be Chinese, with simultaneous translation to English.
A detailed agenda is provided on the next page.

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AGENDA

Time (CST)	Topic	Name, organisation (tentative)
	Session Moderation:	Malin Emmerich, COPA Secretariat, GIZ
2:00 pm	Opening and Greeting	Ellen Michels, head of COPA Secretariat, GIZ
2:10 pm	Welcome Words	Mr. Yunrui Zhou, COPA Secretariat, UNIDO Ms. Xin He, COPA Secretariat, UNDP
2:20 pm	FECO Research report Report on Lifecycle of Refrigerant Management in China 2024	Ms. Guo Xiaolin, Foreign Environmental Cooperation Center, Ministry of Ecology and Environment (FECO/MEE)
2:40 pm	Video – Harson Group for CATARC & COPA Pilot	Ms. Zhang Xiaojun from the Harson Group
2:45 pm	Demonstration report on refrigerant recycling in china's automotive maintenance industry	Ms. Wang Jia, China Automotive Technology Research Center (CATARC)
3:05 pm	Video – Aohong	
3:10 pm	Aohong presentation - Chinas' largest company trading with recovered refrigerants	Mr. Wang Haitao, Aohong's general manager
3:30 pm	Methodology for emission reduction projects of refrigerant application in household electronic sector, including assessment of emission potential with lifecycle refrigerant management.	Mr. Dou Yanwei, China Household Electrical Appliances Association (CHEAA)
3:50 pm	Survey of commercial / industrial cooling assets in the Guangdong province of China for end-of-life management of refrigerants	Ms. Xin He, UNDP
4:10 pm	Future of / next steps for COPA activities in China	Wang Yin, COPA Secretariat, GIZ
4:20 pm	Closure of event	

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GIZ is responsible for the content of
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