

Air-conditioning industry from high ambient temperature countries oriented with the production and installation of Hydrocarbon refrigerants in air-conditioners

An International Workshop & Field Trip (10-14 April 2017, Ningbo and Shanghai- China)

UN Environment, in cooperation with UNIDO, Foreign Economic Cooperation Office / Ministry of Environmental Protection of China (MEP/FECO) and China Household Electrical Appliances Association (CHEAA) organized special program for senior air-conditioning industry experts from high ambient temperature countries, mainly in the middle east region, to orient them with the development related to the use of Hydrocarbon (HC) refrigerants in refrigeration and air-conditioning applications with emphasis on HC-290 uses in air-conditioning industry and experience of China in converting its industry under the Multilateral Fund of the Montreal Protocol.

In China, HC - 290 was recommended as the major alternative to HCFC-22 in room air-conditioner taken into consideration on the Ozone and Climate benefit together. Through a lot of work within all aspects in recent years, China has achieved fruitful results from theory, practice, research and development, and application of technology to products. China experience provides valuable experience to phase out HCFCs by low GWP refrigerant to other developing countries.



The program, which is part of UNEP/UNIDO implementation of the global project for promoting low-GWP alternatives in A/C industry in high ambient temperature countries, includes a dedicated international workshop on designing, producing and installing air-conditioners with HC-290 as well field trips to air-conditioning manufacturer and large installation site. As the event is organized in conjunction with the China Refrigeration Expo which will take place in Shanghai during 12-14 April, participants also joined UN Environment Annual Industry Ozone-To-Climate (O2C) Roundtable Meeting on 13th April in margins of the Expo.

This International workshop attracted the presence of many key partners that supported the program i.e. MLF Secretariat, UNDP, GIZ and CRAA and members from Montreal Protocol Refrigeration and Air-Conditioning Technical Options Committee (RTOC). It also witnessed presence of large audience from Chinese industry and institutions.

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