



Supporting Refrigerants, Naturally!

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UNEP

United Nations Environment Programme

#1

UNEP DTIE OzonAction Branch

Assist developing countries & countries with economies in transition (CEITs) to achieve & sustain compliance with the Montreal Protocol

HCFC Phase out Management Plans

- For all developing countries
- Funded by the *Multilateral Fund*
- UNEP is involved in the implementation of ~100 HPMPs

Under these HPMPs, when adopting alternatives developing countries have the opportunity to adopt non-ozone depleting, low GWP, energy efficient alternatives

#2

Montreal Protocol **Decision XIX/6** – promote the selection of alternatives to HCFCs that minimise environmental impacts, in particular impacts on climate

–100 percent phase out of HCFCs by 2030

Decision XXI/9: “Encourage Parties to promote policies and measures aimed at avoiding the selection of high-GWP alternatives... *where other market-available, proven and sustainable alternatives exist that minimize impacts on the environment, including on climate*”

HPMP implementation offers the opportunity to influence technology choice

#3

Developing countries need:

- Leadership teams
 - Corporate models from developed countries
 - Local champions of natural refrigerants
- Performance, cost and availability details
- Proof of commercial viability/use
- Opportunities to see technology first-hand
- Opportunities to interact with leaders/experts/peers
- Capacity building/training materials for HC and CO₂

Refrigerants, Naturally!



- #4
- Realises tangible ozone and climate protection benefits
 - Follows voluntary, pro-active approach in advance of regulations
 - Stimulates demand for new environmental technology
 - Follows multi-stakeholder process (private sector, NGO, UN system)
 - Encourages open dialogue between partners, and between partner and supporters
 - Shares technical information and best practices

Refrigerants, Naturally! has made ground-breaking and proactive advances in this regard demonstrating that a number of multinationals can embrace, improve and outreach an environmentally friendly and economically viable technology.

UNEP as a RefNat! Supporter

#5

- UNEP is a founding member of Refrigerants, Naturally!
- It is a unique coalition of global brands and two international environmental organizations
- Working ahead of government regulation towards an important and achievable goal
- We believe that important results for the climate have been secured because of it
- Working towards a non ODS, low or zero GWP future can be the most effective driver in changing the game and making climate-friendly refrigeration a global reality.

UNEP is proud to be associated with this partnership and feels together we can achieve much more in the future...

**SAVE
THE DATE**

Advancing Ozone & Climate Protection Technologies: Food Cold Chain Workshop

18 July 2015, Paris, France

- United Nations Environment Programme
- Climate and Clean Air Coalition to Reduce Short-Lived Climate Pollutants (CCAC)
- United States of America
- Alliance for Responsible Atmospheric Policy

Prior to the Montreal Protocol's 36th Open-Ended Working Group meeting



solutions for europe

natural refrigerants

16-17 March 2015 in Brussels

Thank you very much!

www.unep.org/ozonaction