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“JumpStart HCFC Phase-Out for Ozone and Climate Benefit” a New Information Update Provided by UNEP DTIE OzonAction

The Montreal Protocol has, in the past, already bought the world the equivalent of decades-worth of CO₂ emissions. In the future, the world has a convenient opportunity to address an inconvenient truth. Dramatically cutting HCFCs emissions –nearly 2000 times more potent Greenhouse Gases (GHGs) than CO₂, -and improving the energy efficiency of air-conditioning and refrigeration appliances that use them is “... the key to catalyzing a transition to a low carbon , resource efficient Green Economy” according to Achim Steiner , United Nations Under Secretary General and Executive Director of UNEP.

While the opportunity to achieve climate benefit appears to be a ‘*low hanging fruit*’, the ‘JumpStart’ to pick those fruits poses a significant challenge as most HFCs, which are popular alternatives for HCFCs are also potent GHGs. The EU has adopted a regulatory framework aimed at reducing emissions of HFCs. “This policy is widely acknowledged as a global model that leads to more responsible management of the substances..” according to Marianne Wenning, Head of Unit ENV C.4 of the European Commission.

This information and knowledge-exchange is just one of the tools of responsible management of Ozone Depleting Substances with the objective to achieve ‘low hanging’ climate benefit.

Rajendra Shende, *Head
OzonAction, UNEP DTIE*

HCFC Help Centre @ <http://www.unep.fr/ozonAction/topics/hcfc.asp>



Maldives' Plan to Be First Eco-Friendly and Ozone-Friendly Country

On 4 February 2010, Maldives, a small island country, announced its wish to phase out HCFCs by 2020, 20 years ahead of the Montreal Protocol's schedule. Maldives' decision to stop the consumption of this group of chemical earlier than the phase out deadline is considered the first major concrete step to make the carbon neutral declaration a reality. This is a contribution to show case that there are low hanging fruits that countries can pick from the Montreal Protocol- the most successful environmental treaty that exists so far to reduce the impacts of climate change. UNEP DTIE OzonAction Programme is currently assisting developing countries, including the Maldives, designing the HCFC phase out management plan in their country.

Learn more @ http://www.unep.fr/ozonaction/information/mmcfiles/6328-e-maldives_17Feb10_PR.pdf



Legislation: New EU Regulation on ODS Enters Into Force

On 16 September 2009, [Regulation \(EC\) No 1005/2009](#) on substances that deplete the ozone layer was published in EU's Official Journal. Concerning HCFCs, from 1 January 2010, only recycled and reclaimed HCFCs can be used for maintenance and servicing of equipment, and from 1 January 2015, even recycled and reclaimed HCFCs are prohibited for such purposes. Article 11 of the new Regulation specifies rules concerning HCFCs and, in particular, labeling requirements for reclaimed and recycled HCFCs.

Related Links:

<http://ec.europa.eu/environment/ozone>

[Text of Regulation 1005/2009](#)

Country Data: First Report on French Refrigerants' Declarations Now Available On-line



The French Agency in charge of energy efficiency ADEME just released, in January 2010, the first report of France's Observatoire des Fluides Frigorigènes, which summarises for 2008 all declarations related to refrigerants. This provides an overview of refrigerants' use in the country, including HCFCs and their alternatives requiring declarations.

<https://observatoire.fluides-frigorigenes.ademe.fr/>

USEFUL INFORMATION:

- NARECO₂ project (as NATural REfrigerant CO₂) released a manual and e-learning module about the use of CO₂ (R744) in cooling, refrigeration, and heating. This technical publication is particularly useful for technicians, designers as well as anyone interested in learning more about this technology. <http://www.irefrigeration.eu/nareco2/nareco2.html>
- All presentations of Atmosphere 2009, the international conference on natural refrigerants held in Brussels, 19-20 October 2009, are available on the Conference's website at: <http://www.atmosphere2009.com/speakers.presentations.php>
- New publication on Natural Foam Blowing agents: the German agency GTZ Proklima released Natural Foam Blowing Agents: Sustainable Ozone and Climate-Friendly alternatives to HCFCs, a compilation of articles on this topic. <http://www.gtz.de/de/dokumente/gtz2009-en-proklima-nat-blow-agents.pdf>

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