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- **Did you know?** Sweden prohibited the use of HCFC for refilling existing refrigeration, heating and AC units from 1 January 2002, 13 years ahead of the EU requirement and 28 years ahead of the Montreal Protocol.
- **Notable Numbers:** the Global Warming Potential of HCFC-22 is **1810** compared to only **1** for CO₂ (*Source: World Meteorological Organisation, 2006*).

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

Workshops under the JumpStart Project

Workshops Focusing on HCFC Phase-out:

- South America Workshop on low-GWP, energy-efficient HCFC replacement technologies in the Refrigeration and Air conditioning sector - Bogota, Colombia, 22 - 23 April 2010
- Regional workshop on low-GWP HCFC replacement in the foam blowing sector in Asia, Seoul, Rep of Korea, 6-7 May 2010

Also, in the context of this project, two workshops on Mobile Air Conditioning are being held:

- Workshop on environmental impacts of next generation technologies for Mobile Vehicles' Air conditioning in China, Nanjing, China, 3 - 4 June 2010
- Workshop on environmental impacts of next generation technologies for Mobile Vehicles' Air conditioning in India, Delhi, India, 7 - 8 June 2010

Learn more @ www.unep.fr/ozonaction/topics/hcfc_jumpstart.htm

UNEP and ASHRAE Co-Organise a Conference on Chillers

UNEP and the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) are co-organising a conference entitled “**Road to Climate Friendly Chillers: Moving Beyond CFCs and HCFCs**” on September 30-October 1, 2010 in Cairo, Egypt. Special emphasis will be given to identify means to encourage and assist chiller owners, building managers and other end-users in developing countries to undertake activities in the chiller sub-sector (including alternative refrigerants management and chiller replacement strategies) that result in environmental and economic benefits.

Authors are invited to submit an abstract on the following topics:

- Heat Driven Water Chiller Technology
- Vapor-Compression Chiller Technology
- Absorption Chillers Technology
- Practical Experience: Operation, Maintenance, Energy Performance
- Solar Assisted Cooling Systems
- Industrial Chiller Technology
- District Cooling
- Facility Dimensioning and Building Integration
- Alternative Refrigerants
- Retrofitting of Refrigeration Systems
- Future Refrigerants
- Funding and Implementation of Chiller Replacement Programs

Learn more @ <http://www.rcfc2010.org/>

Two Cases of Illegal Trade of HCFCs in Florida – Sentenced by Court

These two cases from the Florida Courts show examples of illegal trade in HCFCs, the actions to combat it and the penalties imposed. In these two cases, the sentences concerned illegal imports of HCFC-22.

For example, in one of the two cases, involving an international product support company, the investigation determined that “between July 2007 and April 2009, [the defendant] engaged in a pattern of conduct to purchase and sell black market HCFC-22”. The product was then distributed throughout the United States. In this way, the defendant purchased HCFC-22 from various importers, who did not hold the required unexpended consumption allowances, totaling approximately 100,898 kilograms, or 7,419 cylinders, of restricted HCFC-22, with a market value of approximately \$843,291

More information can be found at:

<http://www.justice.gov/usao/fls/PressReleases/100211-01.html>

<http://www.justice.gov/usao/fls/PressReleases/100319-01.html>

USEFUL INFORMATION:

French New Decree on Ammonia Use and Transport

French authorities have modified the 1998 decree ("arrêté") setting general prescriptions for ammonia use and storage.

In order to facilitate the introduction of ammonia as substitute in the replacement of phased-out HCFC systems, minimum safety distances have been reduced, but additional protection devices have been defined and will become mandatory.

Learn more @

http://www.bulletinofficiel.developpementdurable.gouv.fr/fiches/BO20101/met_20100001_0100_0015.pdf

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

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