



UNIDO's Role in Conversion of Refrigeration and Compressor Sector to Non-ODS Technologies

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Issues to be addressed

1. HCFC is the major refrigerant in many refrigeration appliances
2. HCFC is currently the main foam blowing agent used in the A5 countries
3. Identification and selection of alternatives is still going on
4. Various applications would require different replacement alternatives
5. The implications will affect the design, installation, operation and servicing of appliances
6. The cost implications have not yet been established
7. The ExCom is still working on the new guidelines and criteria of financial assistance to A5 countries (second conversion, cut-off date, eligible cost items, cost effectiveness, accounting for other environmental and global warming benefits etc.)



Way Forward

1. Survey baseline situation
2. Study new alternatives based on
 - a) Environmental impact (ODP, GWP)
 - b) Availability
 - c) Cost
 - d) Energy consumption
 - e) Safety
3. Implement individual (demonstration) projects
4. Prepare sectoral phase-out strategy with priority setting
5. Harmonize HCFC demand and supply situation (production closure) and introducing new alternatives on the market
6. Utilize ongoing service sector activities for future needs of HCFC programme
7. Work closely with the international community on finalizing the outstanding policy and funding issues



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UNIDO HCFC Initiatives

We sense the urgency of the phase-out and took early actions to assist countries in their compliance efforts:

1. In February 2008 a three days seminar was organized in Vienna to review the best available HCFC replacements and alternative technologies
 - a) Speakers from various countries representing chemical suppliers, academia, suppliers of production equipment and technologies;
 - b) Ozone officers from over 30 countries;
 - c) Representatives from donors and IA

2. Business plan responds to requests from A5 countries taking into account UNIDO's past MP experience and the information learned on the seminar
 - a) 30 HCFC phase out management plans
 - b) 18 HCFC preparatory assistance requests;
 - c) 22 investment project request