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# Global HCFC consumption and MLF Guidelines for HCFC Phase- out in Article 5 Countries

Balaji Natarajan  
UNDP Montreal Protocol/Chemicals

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## Global HCFC supply and use

- **UNDP conducted a survey in 9 countries 2005 – sample of HCFC consumption pattern of HCFC-22 and HCFC-141b:**

**HCFC-22 - 65%**

**HCFC-141b - 32%**

- **Refrigeration servicing sector accounts for 17-69% in the sample countries – remainder in manufacturing applications.**
- **HCFC-141b finds small use in cleaning applications (e.g., Sri Lanka experience).**

## Global HCFC supply and use

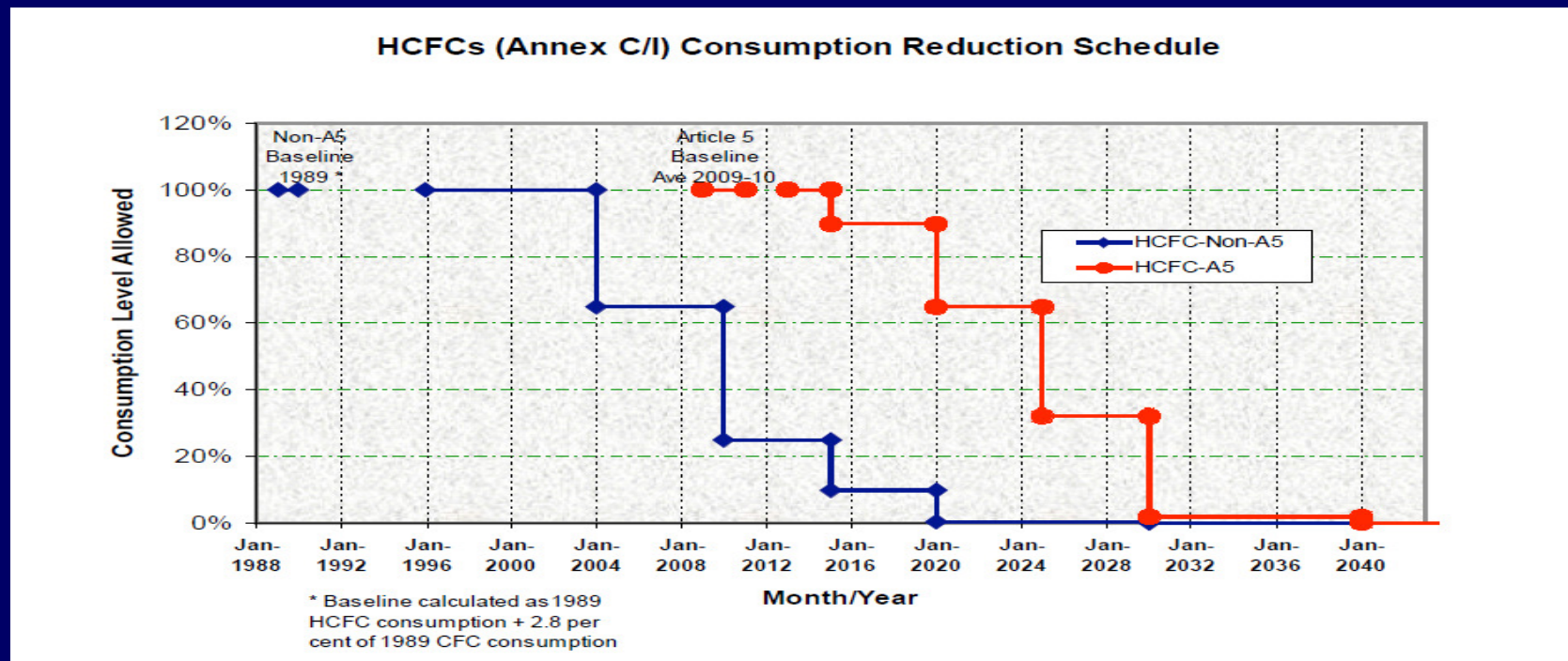
- **HCFC consumption grew from 230 kTons in 2003 to about 410 kTons+ in 2008 in developing countries.**
- **Of the total consumption, about 99% consumption is in HCFC-22, HCFC-141b, HCFC-142b and HCFC-123.**
- **Most of the consumption is in Refrigeration and Air-conditioning applications and foam applications. Minor quantities are used in solvents and fire-fighting applications.**

## HCFC-141b supply situation

- **HCFC-141b consumption has increased from about 52,000 MT in 2005 to about 85,000 MT in 2008 – Article 5 countries\*.**
- **China accounts for about 41,000 MT of 2008 HCFC-141b consumption – followed by India, Mexico, Brazil and Turkey (consume more than 2000 MT).**
- **11 Parties to the Montreal Protocol account for 90% of 2008 HCFC-141b consumption.**

*\*Excluding Singapore, Rep. of Korea and UAE.*

# Decision XIX/6: Accelerated HCFC phase-out



**Baseline years : 2009 & 2010**

**Primary drivers for this decision : ODP & GWP**

## Policies for HPMP

- **Decision 53/37 : HPMP Guidelines' discussions began.**
- **Decision 54/39 : Overall guidelines for HPMP preparation decided.**
- **Important aspects that were highlighted include:**
  - **Stage I : To address 2013 and 2015 targets**
  - **National regulations for control & monitoring HCFCs**
  - **Institutional arrangements and involvement of industry associations in HPMP preparation**

## Policies for HPMP

- **Annex XIX of 54<sup>th</sup> Executive Committee Meeting report – presents indicative outline of HPMP document.**
- **Decision 55/13 and 14 and 56/16 : Guidelines for costs for HPMP preparation and HPMP investment project preparation were decided.**
- **From 56<sup>th</sup> Executive Committee meeting to 60<sup>th</sup> Executive Committee meetings, discussions were held on HPMP project funding guidelines.**

## Policies for HPMP

- **Decision 60/44 : HPMP funding guidelines decided.**
  - **Cut-off date: manufacturing capacity establishing upto 21 Sep 2007**
  - **Cost effectiveness: Decisions for overall support taken.**
  - **Other decisions on Second Stage Conversion and Service Sector support taken.**

**23 August 2010 : Deadline for submission of HPMP for 62<sup>nd</sup> Meeting**



# Policies for HPMP

- **Decision 61<sup>st</sup> Excom**
  - **Premix polyols: Information on premix polyol needs to be captured – industries using premix polyol and HCFC-141b eqv. Quantities in MT**
  - **Import data on premix polyol to be included in aggregate consumption eligible ensure support to enterprises.**
  - **Sector plan to include complete phase-out of HCFC based pre-blended polyol systems – also to include ban on use of preblended polyol system after enterprise phase-out.**

## Summary

- **Supply of HCFCs is growing in developing countries – both large and small countries.**
- **By April 2010, major policy decisions for assistance through MLF to developing countries taken.**
- **HPMPs to be prepared in line with policy guidelines – particularly 60/44.**
- **Prioritisation of high-ODP HCFCs (e.g., HCFC-141b) in HPMP.**
- **Premix polyol imports – data collection and support for phase-out.**



Thank you!