

HCFC 22 – Production Sector in India

Presentation by REGMA

HPMP Plan Meeting

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HCFC 22 Production sector in India

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Background:

- 4 plants – Dedicated plants producing only HCFC 22.
CFC production stopped in Aug 2008 +1 Plant for Feedstock
- Production controls for HCFCs introduced by MP in 1999
- Ozone Rules – Regulated HCFC 22 from 2000
Capacity frozen ~55000 TPA. China's capacity manifold increase.
- 2007 revised control measures and advancement of cessation of production for ODS use

HCFC control measures 1999 & 2007

	Earlier	September 2007
Freeze date	2016	2013
Baseline	2015	Avg. 2009-10
Reduction 2015	Nil	10%
Reduction 2020	Nil	35%
Reduction 2025	Nil	37.5%
Phase out	2040	2030

Production sector data

HCFC 22 + HCFC 141 b

MT

	2005	2006	2007	2008	
Production	24789	30386	41214	45558	
Exports	15026	23502	28772	30226	
Imports	2161	0	7937	12588	
Feed stock	909	747	1092	4501	
Domestic consumption	11025	6137	19287	23521	

Import of HCFCs (MT)

Import	2005	2006	2007	2008	
HCFC 141 b	2161	0	4711	12588	
HCFC22	0	0	3226	0	
Total	2161	0	7937	12588	

Major issues for the production sector

- Existing plants - Essential to maximize production in base years – provide higher production level from 2013 onwards
- Compensation for all plants:
 1. They are by design HCFC 22 plants.
 2. Technically HCFC plants can produce CFC.
Fresh capacity could not be set up under Ozone Rules
 3. The producers have surrendered CFC production rights.
The plants now produce only HCFC 22.
 4. Compensation received was for loss of profit due to cessation of CFC production.
 5. In the 19th Meeting Parties agreed that adequate funds will be made available for the Adjustment on HCFC 22 phase out

Major issues for the production sector

Continued

4. Compensation received was for loss of profit due to cessation of CFC production.
 5. In the 19th Meeting Parties agreed that adequate funds will be made available for the Adjustment on HCFC 22 phase out.
- Alternatives technology:
 1. It is not the objective of the MP to convert India or any developing nation from a producing and exporting country to a net importing country.
 2. Technology should be provided (not free but) at reasonable cost.

Key issues for the country

- Balance interests of industry, users and end consumers with global environment benefits.
- The milestones of time are in place- all other activities need to be timely.
- The country's endeavor should be to retain self sufficiency and global trade position

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Thank you !