

**MINUTES OF THE XXXVI MEETING OF THE EMPOWERED STEERING COMMITTEE (ESC) FOR IMPLEMENTATION OF THE MONTREAL PROTOCOL HELD ON 15<sup>TH</sup> OCTOBER, 2010 AT 11.00 A.M. IN ROOM NO. 403 (CONFERENCE ROOM), MINISTRY OF ENVIRONMENT AND FORESTS, PARYAVARAN BHAWAN, CGO COMPLEX, LODHI ROAD, NEW DELHI-110003**

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The list of participants is annexed (*Annex-I*).

Shri. Vijai Sharma, Secretary (E&F) and Chairman of the ESC welcomed the participants to the XXXVI meeting of the Empowered Steering Committee (ESC). The Chairman informed the Members about the recent demise of Mr. Madhava Sarma former Executive Secretary of the Ozone Secretariat, United Nations Environment Programme (UNEP), Nairobi and former Additional Secretary, Ministry of Environment and Forests (MoEF) and highlighted the significant contributions made by Mr. Madhava Sarma for implementation of the Vienna Convention for the Protection of the Ozone Layer and Montreal Protocol on Substances that Deplete the Ozone Layer. Noting the significant contributions made, the Committee paid tributes to Mr Sarma.

The Chairman then requested to present the agenda for consideration of the Committee. The following agenda was presented:

**Agenda Item No. 1: Adoption of the Agenda.**

The Committee adopted the following agenda on the basis of the Provisional agenda:-

- 1: Adoption of the Agenda
- 2: Confirmation of Minutes of XXXV Meeting of the ESC.
- 3: Action taken on decision of the XXXV ESC.
- 4: Progress of Implementation status of the Projects:
  - a) Umbrella Project in Foam Sector.
  - b) Umbrella Project in Commercial Refrigeration Sector.
  - c) National CFC Consumption Phase-out Plan (NCCoPP).
  - d) CFC Production Phase out Project.
  - e) National CTC Phase-out Plan.
  - f) Accelerated Phase-out of HCFCs.
  - g) MDI Transition Strategy Proposal.
- 5: Consideration of the applications received for Duty Exemption in respect of new or expanded activities with non-ODS technology.
- 6: Submission of Article 7 Data
- 7: Organization of International Ozone Day.
- 8: Any other matters with permission of the Chair.

**Agenda Item No. 2: Confirmation of Minutes of the XXXV ESC meeting held on 29<sup>th</sup> October, 2008.**

Minutes of XXXV meeting of the ESC held on 29<sup>th</sup> October, 2008 were confirmed, as there were no comments received from the Members of the Committee.

**Agenda Item No. 3: Action taken on decision of the XXXV ESC.**

The Action taken on the Minutes of the XXXV Meeting of the ESC was presented as follows and was noted by the Committee:

S. No	Decision taken in XXXV ESC	Action taken on the decision
1.	<p><u>Paragraph 4 (S. No. 1):</u> Steps taken for submitting the request for Essential Use Nomination (EUN) of CFC to be used in Metered Dose Inhalers (MDIs) sector for 2010.</p>	<p>India submitted EUN of 350.6 Metric Tonnes (MT) of Pharmaceutical grade CFCs for 2010 for manufacturing of MDIs in consultation with the MDI manufacturers. The 21<sup>st</sup> Meeting of the Parties (MOP) held in November 2009 considered and approved 343.6 MT of CFC's. As United Kingdom banned the import of CFC based MDIs with effect from 1.1.2010, 7.0 MT was not approved by the MOP which was meant for manufacturing of CFC based MDIs to supply to the UK.</p> <p>India also proposed at the 21<sup>st</sup> MOP as one of the producers of pharmaceutical grade CFCs, not only for manufacturing of MDIs in India but also to supply to other MDI manufacturing Article 5 countries as per approved EUN. The 21<sup>st</sup> MOP directed the Executive Committee (Ex-Com) of the Multilateral Fund (MLF) to review the Production Sector Agreement between India and Ex-Com to enable India to produce pharmaceutical grade CFCs required as per approved EUN.</p> <p>The Ex-Com revised the Production Sector agreement and agreed for production of pharmaceuticals grade CFC's as approved by the 21<sup>st</sup> MOP. The quota order for production of pharma grade CFC's by all the four producers had been issued by the Ozone Cell for supply to the MDI Manufacturers.</p> <p>India has already submitted EUN of 192.3 MT of pharma grade CFCs for the year 2011 in January, 2010 for consideration by 22<sup>nd</sup> MOP. The quantity nominated by India is substantially less than that of</p>

		2010. This clearly indicates that the conversion process in the manufacturing of MDIs from CFCs to non-CFCs is progressing very well.
2.	<u>Paragraph 4 (S. No. 5) :</u> Assess the impact of CTC annual programme 2008 by the agency and sector.	This activity has been carried forward for 2010 and included in the Work Plan for 2010/2011.
3.	<u>Paragraph 8:</u> Ozone Cell/ Project Management Unit to Monitor the export and domestic sale of CFCs.	The data on export and domestic sale of CFCs for the years 2008 and 2009 was collected from the CFC producers. The technical audits conducted by the World Bank in January, 2009 and in March 2010 have reported that there is no diversion from the CFC stockpile for domestic sales. The production, export and domestic sales are as per the Agreement on Accelerated CFC Production Closure.
4.	<u>Paragraph 13:</u> Agreement on Accelerated CFC Production Closure	The 56 <sup>th</sup> Ex-Com of the MLF, at its meeting held during 8-12 November 2008, had approved the Agreement between India and Ex-Com for Accelerated CFC Production Closure in India. Subsequently, the Agreement was sent to the CFC producers and the same was received with no comments. The Agreement has already been signed between India and the Ex-Com for Accelerated Phase-out of production of CFCs.
5.	<u>Paragraph 18 :</u> Pilot Proposal for Clean Development Mechanism (CDM) Projects	The HCFC Phase-out Management Plan (HPMP) is being prepared in consultation with industry and industry associations. The industries are still considering the various options to HCFCs in the light of recent developments on low Global Warming Potential (GWP) alternatives which are still emerging. The CDM Pilot Projects will be considered, if required, at an appropriate time in consultation with the industry.
6.	<u>Paragraph 19:</u> Following to be adopted while preparing the HCFC phase out strategy: <ul style="list-style-type: none"> <li>• Impact of changed scenario on HCFC production and consumption</li> </ul>	The suggestions have been appropriately incorporated in the Roadmap developed for Phase-out of HCFCs in the country. The Roadmap was launched by Hon'ble Minister of State for Environment and Forests (Independent Charge) on 6 <sup>th</sup> October, 2009.

	<ul style="list-style-type: none"> <li>• Availability of HCFC alternatives</li> <li>• Technological Challenges</li> </ul> <p>Involvement of civil society</p>	
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#### **Agenda Item No. 4: Progress of Implementation of Projects**

The Progress of implementation of the following Projects being executed by the Ozone Cell with the support of the MLF for the implementation of the Montreal Protocol were presented:

##### **a) Progress of Implementation Status of Umbrella Project in Foam Sector**

The Committee noted the progress of implementation of Umbrella Project in Foam Sector.

##### **b) Progress of Implementation Status of Umbrella Project in Commercial Refrigeration Sector**

The Committee noted the progress of implementation of Umbrella Project in Commercial Refrigeration Sector.

##### **c) Implementation Status of the National CFC Consumption Phase-out Plan (NCCoPP)**

The Committee noted the progress of implementation of the NCCoPP.

##### **d) Implementation Status of CFC Production Phase-out Project.**

The Committee noted the successful phase-out of CFC production and consumption by 1<sup>st</sup> August, 2008, except use of pharmaceutical grade CFCs in manufacturing of MDIs. The Members were informed that considering the progress in the conversion process in the manufacturing of MDIs from CFCs to non CFCs processes, no CFCs would be required for the year 2011. Since this was also confirmed by the MDI manufacturers in writing, the application for production of 192.3 MT of CFCs during 2011 under the EUN made by the Ozone Cell, MoEF may be withdrawn. The Committee advised to have a Meeting with MDI manufacturers including representatives of CII on the issue before a final decision is taken in the matter.

##### **e) Implementation Status of National CTC Phase-out Plan.**

The Committee was informed that as on 1.1.2010, the production and consumption of CTC has been phased out in accordance with the Montreal Protocol

schedule, except the use of CTC in feedstock. The Committee was further informed that production and consumption of CTC for feedstock does not fall under the purview of the Montreal Protocol.

The Committee appreciated the efforts of the Ozone Cell, MoEF in this regard.

**f) Implementation Status of Accelerated Phase-out of HCFCs.**

The Committee noted the progress of implementation of the Accelerated Phase-out of HCFCs.

**g) MDI Transition Strategy Proposal.**

The Committee noted the progress of the National Strategy for Transition to Non-CFC MDIs and Plan for Phase-out of CFCs in the manufacturing of Pharmaceuticals MDIs in India.

The issues relating to price of MDIs manufactured using non-ODS technologies need to be appropriately addressed in the National Strategy for Transition to Non-CFC MDIs and Plan for Phase-out of CFCs in the manufacturing of Pharmaceutical MDIs in India.

**h)** While expressing satisfaction on the progress of each of the above Projects **(a-g)**, the Committee advised the following:

- A Study on Socio-economic impact of CFC phase-out on Indian Industry, with particular emphasis on the issues of concern to SME enterprises on conversion of ODS to non-ODS technology, should be carried out.
- A meeting to be held with MSME along with representative of CII to discuss the modalities relating to training of SMEs, on the issues relating to non-ODS technologies.

**Agenda Item No. 5: Consideration of applications received for Duty Exemption in respect of new or expanded activities with non-ODS technology.**

The Committee noted that based on the recommendations of the Technology and Finance Standing Committee (TFSC) and with the approval of Secretary (E&F) as Chairman of the ESC, customs duty certificates in respect of the following enterprises were issued :-

- **M/s ASTER Tele services Pvt. Ltd., A.P.**
- **M/s Ahlada Engineers Pvt. Ltd, Hyderabad,**
- **M/s. Subros Ltd., Noida.**
- **M/s. Global Autotech Ltd., Greater Noida.**
- **M/s. Sanden Vikas India Ltd., Faridabad.**

- M/s. Sanden Vikas India Ltd., Faridabad.
- M/s G.A.S. PU Panels (India) Pvt Ltd, Pune.
- M/s Krishna Maruti Ltd, Gurgaon.
- M/s Ajni Clean Rooms Pvt Ltd, Baroda.
- M/s Bharat Seats Ltd., Gurgaon.
- M/s Tecumesh Products India Pvt. Ltd., Ballabgarh.
- M/s Daikin Air Conditioning India Pvt Ltd,. Gurgaon.
- M/s. Global Autotech Ltd., Greater Noida.
- M/s Venus Home Appliances, Pvt. Ltd.
- M/s. Sanden Vikas India Ltd., Faridabad.
- M/s Subros Ltd. Noida.
- M/s Krishna Maruti Ltd. Pune.
- M/s Subros Ltd. Noida
- M/s IC ICE Make Refrigeration Pvt. Ltd. Ahmedabad.
- M/s Techno Electronics Ltd. Kashipur.
- M/s Whirlpool India Pvt. Ltd., Pune
- M/s. Sanden Vikas India Ltd., Faridabad
- M/s Pranav Vikas India Ltd. Faridabad
- M/s Bharat Seats Ltd. Gurgaon
- M/s Metecno (India) Pvt. Ltd., Chennai

The details of equipment in respect of each enterprise listed above are given in **Annex-II**. The Committee accorded ex-post-facto approval for the same.

**Agenda Item No. 6: Submission of Article 7 Data.**

The Committee was informed that the Article 7 Data for the year 2008 & 2009 was reviewed by the Standing Committee on Monitoring headed by Chairman, Central Pollution Control Board (CPCB) and approved by Secretary (E & F). Considering the last date of submission of the data as 30 September, the data for 2008 and 2009 was submitted to the Ozone Secretariat. The Committee accorded ex-post-facto approval for the same.

**Agenda Item No. 7: Organization of International Ozone Day.**

The organization of the 15<sup>th</sup> International Ozone Day for 2009 and 16<sup>th</sup> International Ozone Day for 2010 was noted by the Committee.

The Meeting ended with vote of thanks to the Chair.

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