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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Forty-seventh Meeting
Montreal, 21-25 November 2005

PROJECT PROPOSALS: CHILLER DEMONSTRATION PROJECTS

- Demonstration project for integrated management of the centrifugal chiller sub-sector in Brazil, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers UNDP
- Regional demonstration project for integrated management of the centrifugal chiller sub-sector in the Caribbean, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers UNDP
- Demonstration project for integrated management of the centrifugal chiller sub-sector in Colombia, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers UNDP
- Demonstration project for integrated management of the centrifugal chiller sub-sector in Cuba, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers UNDP and Canada
- Demonstration Project on the Replacement of CFC Centrifugal Chillers in Bahrain and Syria UNIDO
- Demonstration Project on the Replacement of CFC Centrifugal Chillers in Croatia, Serbia and Montenegro, Romania and Macedonia UNIDO
- Global Chiller Replacement Project World Bank

Pre-session documents of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol are without prejudice to any decision that the Executive Committee might take following issue of the document.

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BACKGROUND

1. The 46th Meeting of the Executive Committee discussed a study on criteria and modalities for chiller demonstration projects contained in document UNEP/OzL.Pro/ExCom/46/37, which had been prepared pursuant to decision XVI/13 of the Sixteenth Meeting of the Parties and decision 45/4 (d) of the 45th Meeting of the Executive Committee.

2. Following the discussion, the Executive Committee decided to utilize a funding window of US \$15.2 million for additional demonstration projects in the chiller sub-sector. UNDP, UNIDO and the World Bank, as well as interested bilateral agencies, were requested to submit to the 47th Meeting of the Executive Committee project proposals that could be replicated in other countries to demonstrate the feasibility of and modalities for replacing centrifugal chillers in the future through use of resources external to the Multilateral Fund (Decision 46/33). The agencies were encouraged to submit such projects on a regional basis to allow as many countries as possible to be included. The Executive Committee also agreed on conditions for such projects.

3. Projects have been received from UNDP, UNIDO and the World Bank as well as from Canada as a bilateral agency in co-operation with UNDP. An overview of the projects received is contained in the table below. Each agency has selected a different approach to chiller projects, with the approach of the joint project from Canada and UNDP being similar to the one from UNDP.

4. This document contains an overview and comparison of the characteristics of the projects submitted. Annex I to this document contains examples for the projects from each agency, as indicated in the table below. All project proposals shown in the table will be available for download from the Secretariat's website.

Country	Region	Agency	Title	Annexed as example
Brazil	Latin America and the Caribbean	UNDP	Demonstration project for integrated management of the centrifugal chiller sub-sector in Brazil, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers	Yes
Barbados	Latin America and the Caribbean	UNDP	Regional demonstration project for integrated management of the centrifugal chiller sub-sector in the Caribbean, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers	
Dominican Republic				
Jamaica				
Trinidad and Tobago				
Colombia	Latin America and the Caribbean	UNDP	Demonstration project for integrated management of the centrifugal chiller sub-sector in Colombia, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers	
Cuba	Latin America and the Caribbean	Canada and UNDP	Demonstration project for integrated management of the centrifugal chiller sub-sector in Cuba, focusing on application of energy-efficient CFC-free technologies for replacement of CFC-based chillers	
Bahrain	West Asia and Central Asia and Eastern Europe	UNIDO	Demonstration Project on the Replacement of CFC Centrifugal Chillers in Bahrain and Syria	Yes
Syria				
Croatia	West Asia and Central Asia and Eastern Europe	UNIDO	Demonstration Project on the Replacement of CFC Centrifugal Chillers in Croatia, Serbia and Montenegro, Romania and Macedonia	
Former Yugoslav Republic of Macedonia				
Romania				
Serbia and Montenegro				
China	Global, focus East Asia and South Asia	World Bank	Global Chiller Replacement Project	Yes
India				
Indonesia				
Malaysia				
Philippines				

5. In its decision 46/33, the Executive Committee also requested UNEP to submit a project proposal regarding implementation of relevant information, dissemination and awareness activities at a global level with the objective of disseminating the experience gained in the demonstration projects globally. UNEP submitted a related project proposal for consideration at the 47th Meeting. Since it is not a demonstration project, it is discussed in document UNEP/OzL.Pro/ExCom /47/20, “Report of the Secretariat on the experiences gained during project preparation and any need for changes in or amendments to the criteria and modalities approved in decision 46/33 with respect to chiller demonstration projects”.

6. Detailed analysis of the chiller demonstration projects received will follow in an addendum to this document.

