



**United Nations  
Environment  
Programme**

Distr.  
GENERAL

UNEP/OzL.Pro/ExCom/56/36  
8 October 2008

ORIGINAL: ENGLISH



EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Fifty-sixth Meeting  
Doha, 8-12 November 2008

**PROJECT PROPOSAL: LIBYAN ARAB JAMAHIRIYA**

This document consists of the comments and recommendation of the Fund Secretariat on the following project proposal:

Fumigant

- Phase-out of methyl bromide in horticulture: tomatoes, cucumbers, peppers and others (second tranche) Spain, UNIDO

**PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS  
LIBYAN ARAB JAMAHIRIYA**

**PROJECT TITLE****BILATERAL/IMPLEMENTING AGENCY**

(a) Phase-out of methyl bromide in horticulture: tomatoes, cucumbers, peppers and others	Spain, UNIDO
--	--------------

**NATIONAL CO-ORDINATING AGENCY**

National Committee for Climate Change

**LATEST REPORTED CONSUMPTION DATA FOR ODS ADDRESSED IN PROJECT****A: ARTICLE-7 DATA (ODP TONNES, 2007, AS OF SEPTEMBER 2008)**

Annex E	67.6		
---------	------	--	--

**B: COUNTRY PROGRAMME SECTORAL DATA (ODP TONNES, 2007, AS OF SEPTEMBER 2008)**

ODS Name	Sub-sector/quantity	Sub-sector/quantity	Sub-sector/quantity	Sub-sector/quantity.
Methyl bromide	67.6			

**CFC consumption remaining eligible for funding (ODP tonnes)**

N/A

**CURRENT YEAR BUSINESS PLAN: Total funding (Spain) US \$ 500,000: total phase-out 96 ODP tonnes.**

<b>PROJECT DATA</b>		2005	2006	2007	2008	2009	2010	Total
<b>MB</b> (ODP tonnes)	Montreal Protocol limits							
	Annual consumption limit	96	96	75	55	30	0	
	Annual phase-out from ongoing projects							
	Annual phase-out newly addressed	0	0	21	20	25	30	96
	Annual unfunded phase-out							
<b>TOTAL ODS CONSUMPTION TO BE PHASED OUT</b>								
Project cost as originally submitted (US \$):		1,415,697						
<b>Final Project costs (US \$):</b>		1,243,000						
	Funding for lead agency UNIDO	743,000	0	0	0	0	0	743,000
	Funding for Spain	0	0	500,000	0	0	0	500,000
	<b>Total project funding</b>	743,000	0	500,000	0	0	0	1,243,000
<b>Final Support costs (US \$)</b>								
	Support cost for lead agency UNIDO	55,725	0	0	0	0	0	55,725
	Support cost for Spain	0	0	65,000	0	0	0	65,000
	<b>Total support costs</b>	55,725	0	65,000	0	0	0	120,725
<b>TOTAL COST TO MULTILATERAL FUND (US \$)</b>		798,725	0	565,000	0	0	0	1,363,725
Final project cost effectiveness (US \$/kg)		12.95						

**FUNDING REQUEST: Approval of funding for the second tranche (2008) as indicated above.****SECRETARIAT'S RECOMMENDATION**

Blanket approval

## **PROJECT DESCRIPTION**

1. On behalf of the Government of Libya, the Government of Spain and UNIDO have submitted a progress report on the implementation of the first tranche of the project to phase out methyl bromide (MB) used as a soil fumigant in horticulture (tomatoes, cucumbers, peppers and others), and a request for funding for the second tranche of the project, for consideration by the Executive Committee at its 56<sup>th</sup> Meeting. The level of funding requested is US \$500,000 plus agency support costs of US \$65,000 for the Government of Spain.

### **Background**

2. At its 47th Meeting, the Executive Committee considered a project proposal to phase out 96.0 ODP tonnes of MB used as a soil fumigant in horticulture by the end of 2009, representing the total consumption of controlled uses of MB in Libya, to be jointly implemented by the Government of Spain (as a bilateral contribution to the Fund) and UNIDO. At that Meeting, the Executive Committee approved in principle the project at a total cost of US \$1,243,000 plus agency support costs of US \$65,000 for the Government of Spain and US\$55,725 for UNIDO, on the understanding that no more funding would be provided from the Fund for the phase-out of controlled uses of MB in the country. The Executive Committee also approved US \$743,000 plus support costs of US \$55,725 for UNIDO, for implementation of the first tranche of the project.

3. Libya's MB baseline for compliance is 94.1 ODP tonnes.

### Progress report

4. The project implementation started in 2005, with the establishment of a national team and the introduction of alternative technologies at pilot sites (small-scale farms) in three different production regions in Libya. Equipment and farm materials have been distributed and integrated pest management techniques have been introduced to ensure the sustainability of the production based on the alternative technology selected.

5. Training has been provided mainly to 165 technicians and trainers, representing almost 55 per cent of the total trainers to be trained. The registration process for alternative fumigants (i.e., 1,3-D and chloropicrin) is ongoing, while other chemicals (i.e., metam sodium and mocap) are already available on the market. As of August 2008, of the total funding of US \$743,000 approved so far, US \$612,976 had been disbursed or obligated by UNIDO.

### Plan of action

6. Through the implementation of the second tranche of the project, the Government of Libya will achieve the complete phase-out of controlled uses of MB by the end of 2009. This target will be achieved through the full-scale implementation of the alternative technologies, including the installation of a greenhouse for the production of grafted seedlings, together with IPM systems and training of farmers and technicians.

## **SECRETARIAT'S COMMENTS AND RECOMMENDATION**

### **COMMENTS**

7. The 2007 MB consumption reported by the Government of Libya under Article 7 of the Montreal Protocol of 67.6 ODP tonnes is 7.4 ODP tonnes below the maximum allowable level for that year under the agreement between the Government and the Executive Committee. Through an official letter from the

Ozone Unit of Libya, the Government has confirmed that the level of MB consumption in 2008 will be in accordance with the maximum level of 55 ODP tonnes set under the agreement.

8. The Secretariat and UNIDO, as the lead implementing agency, discussed issues related to the long-term sustainability of the various alternative technologies being introduced, the training programmes that have been provided and the availability of alternative chemicals in the country. All of these issues have been successfully addressed.

9. The Secretariat sought clarification from UNIDO on the need to strengthen the MB phase-out regulations in order to maintain zero consumption of controlled uses of MB from 2010 once the project is completed. UNIDO pointed out that the eventual revision of the legislation will be discussed with the Ozone Unit and with the national consultant responsible for implementation and monitoring of the project. Should there be a need for such revision, the required expertise will be recruited.

### RECOMMENDATION

10. The Secretariat recommends blanket approval of the second tranche of the project to phase out methyl bromide used as a soil fumigant in horticulture (tomatoes, cucumbers, peppers and others) in Libya as specified in the table below, on the understanding that disbursement is conditional on the submission to the Fund Secretariat of an official communication from the Government of Libya stating that the level of methyl bromide consumption in 2008 was below 55 ODP tonnes representing the maximum allowable level of consumption in the agreement between the Government and the Executive Committee.

	<b>Project Title</b>	<b>Project Funding (US \$)</b>	<b>Support Cost (US \$)</b>	<b>Implementing Agency</b>
(a)	Phase out methyl bromide used as a soil fumigant in horticulture (tomatoes, cucumbers, peppers and others) (second tranche)	500,000	65,000	Spain

- - -