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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Sixtieth Meeting
Montreal, 12-15 April 2010

PROJECT PROPOSAL: BOTSWANA

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

Phase-out

- Terminal phase-out management plan (second tranche) Germany

PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS
Botswana

| | |
|--------------------------|---------------|
| (I) PROJECT TITLE | AGENCY |
| CFC phase out plan | Germany |

| | | | | | |
|------------------------------------------------|--------|-------------|-------|--------|-------------------|
| (II) LATEST ARTICLE 7 DATA (ODP Tonnes) | | | | | Year: 2008 |
| CFC: 0.3 | CTC: 0 | Halons: 0.6 | MB: 0 | TCA: 0 | |

| (III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP Tonnes) | | | | | | | | | | Year: 2008 | | | |
|------------------------------------------------------------------|---------|------|-------|---------------|-----------|---------|---------------|-----|---------|-------------------|---------|------------------|--------------------------|
| Substances | Aerosol | Foam | Halon | Refrigeration | | Solvent | Process Agent | MDI | Lab Use | Methyl Bromide | | Tobacco fluffing | Total Sector Consumption |
| | | | | Manufacturing | Servicing | | | | | QPS | Non QPS | | |
| CFC | | | | | | | | | | | | | 0.4 |
| CTC | | | | | | | | | | | | | 0 |
| Halons | | | .6 | | | | | | | | | | 0.6 |
| Methyl Bromide | | | | | | | | | | | | | 0 |
| Others | | | | | | | | | | | | | 0 |
| TCA | | | | | | | | | | | | | 0 |

| | | | | | |
|------------------------------------------------------|---------|---------------|-------------|----------------|--------------|
| (IV) PROJECT DATA | | | 2009 | 2010 | Total |
| Montreal Protocol Consumption Limits | | CFC | 1. | 0. | |
| Maximum Allowable Consumption (ODP Tonnes) | | CFC | 1. | 0. | |
| Project Costs (US\$) | Germany | Project Costs | 155,000. | 50,000. | 205,000. |
| | | Support Costs | 20,150. | 6,500. | 26,650. |
| Total Funds Approved in Principle (US\$) | | Project Costs | 155,000. | 50,000. | 205,000. |
| | | Support Costs | 20,150. | 6,500. | 26,650. |
| Total Funds Released by the ExCom (US\$) | | Project Costs | 155,000. | 0. | 155,000. |
| | | Support Costs | 20,150. | 0. | 20,150. |
| Total Funds Requested for Current Year (US\$) | | Project Costs | | 50,000. | 50,000. |
| | | Support Costs | | 6,500. | 6,500. |

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|------------------------------------------|----------------------|
| (V) SECRETARIAT'S RECOMMENDATION: | For blanket approval |
|------------------------------------------|----------------------|

PROJECT DESCRIPTION

1. On behalf of the Government of Botswana, the Government of Germany has submitted to the 60th Meeting of the Executive Committee a request for funding of the second and final tranche of the terminal phase-out management plan (TPMP) at a cost of US \$50,000 plus agency support costs of US \$6,500. The submission also includes a progress report on the implementation of the TPMP during 2009 and the implementation programme for 2010.

Background

2. The TPMP for Botswana was approved by the Executive Committee at its 57th Meeting to completely phase out CFC consumption in the country by the end of 2009. Total funding of US \$205,000 plus agency support costs of US \$26,650 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$155,000 plus agency support costs of US \$20,150 for Germany.

Progress report on the implementation of the first tranche of the TPMP

3. Following the approval of the TPMP by the Executive Committee, a total of 136 customs officers and 100 technicians have been trained. Best refrigeration servicing practices have been introduced into the curriculum of the only institution that trains technicians in Botswana. Through the recovery/recycling scheme established in the country, over 90 kg of CFC-12 were recovered in 2009. One consultant has been recruited to monitor the activities included in the TPMP and will continue to provide his services up until the end of the TPMP activities. Consultations with the commercial refrigeration sector concluded that it was not necessary to provide incentives, as there were no more CFC-based refrigeration systems in operation. The recovery units are being used more to recover HFC-134a (at a price of US \$9.40/kg) and HCFC-22 (at a price of US \$4.00/kg) than CFC-12, as consumption of CFC-12 has been substantially reduced.

4. As of December 2009, of the US \$155,000 approved for the first tranche, US \$109,002 had been disbursed or committed. The balance of US \$45,998 will be disbursed during 2010.

Plan of action for the second tranche of the TPMP

5. The Government of Botswana commits to implementing activities under the second work programme of the TPMP consisting of additional training for customs officers to prevent illegal trade in CFCs and additional training for refrigeration servicing technicians to sustain the phase-out of CFCs in the refrigeration servicing sector. The incentive programme for commercial refrigeration end-users will continue to focus on systems available in small towns and on maintaining the operation of the recovery and recycling scheme. Monitoring and verification activities will also be implemented.

SECRETARIAT'S COMMENTS AND RECOMMENDATION

COMMENTS

6. The 2008 CFC consumption reported by the Government of Botswana under Article 7 of the Montreal Protocol of 0.3 ODP tonnes was already 0.7 ODP tonnes below that of 1.0 ODP tonnes allowed for that year. No CFCs and halons were imported in 2009. The Government of Germany also assured the Government of Botswana's commitment to sustain zero CFC consumption beyond 2009 by completing all activities in the TPMP.

7. The Government of Germany explained that the current ODS legislation in place, does not address HCFC consumption because it was important for the legislations to be approved in early 2009 in

order for the approval of the TPMP, and any drafting changes in the regulations at that late stage would have delayed its approval and thus the TPMP. Amendments to the ODS regulation will be introduced during the preparation of the HPMP.

8. The Secretariat reviewed the activities proposed in the final tranche of the TPMP in the light of the current situation of the refrigeration servicing sector in Botswana, where no more consumption of CFCs is allowed. It also took into account the various activities implemented so far through the RMP and the TPMP and the fact that funding for the preparation of the HPMP has been submitted to the 60th Meeting of the Executive Committee. Based on the above observations and in light of the requirements of decisions 41/100 and 49/6, the Secretariat suggested that the Government of Germany examine the merits of focusing the final tranche of the TPMP on specific activities that will sustain a zero consumption of CFCs and facilitate the phase-out of HCFCs. Germany reported that there is the potential for importing hydrocarbon-based refrigerants into the country. In this case, special service tool kits would need to be provided to refrigeration technicians. Additional storage tanks for recovered refrigerants may also be needed.

RECOMMENDATION

9. The Fund Secretariat recommends that the Executive Committee:

- (a) Takes note of the progress report on the implementation of the first tranche of the terminal phase-out management plan (TPMP) in Botswana;
- (b) Approves the 2010 annual implementation programme associated with the second tranche; and
- (c) Requests the Government of Botswana, with the assistance from the Government of Germany, to submit a progress report on the implementation of the work programme associated with the second and final tranche of the TPMP no later than the 63rd Meeting of the Executive Committee.

10. The Secretariat further recommends blanket approval of the 2010 plan associated with the second and final tranche of the TPMP for Botswana, with associated support costs at the funding level shown in the table below:

| | Project Title | Project Funding (US\$) | Support Cost (US\$) | Implementing Agency |
|-----|-----------------------------------------------------|-------------------------------|----------------------------|----------------------------|
| (a) | Terminal phase-out management plan (second tranche) | 50,000 | 6,500 | Germany |
