



**United Nations
Environment
Programme**



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Executive Committee of
the Multilateral Fund for the
Implementation of the Montreal Protocol

Seventeenth Meeting
Montreal, 26-28 July 1995

PROJECT PROPOSAL: TANZANIA

This document includes the Comments and Recommendations from the Fund Secretariat.

PROJECT EVALUATION SHEET

COUNTRY OR REGION: Tanzania

PROJECT TITLE: Phasing out CFCs at Mansoor Daya Chemicals Ltd.

BUDGET: US \$660,000¹

INCREMENTAL COSTS: US \$660,000

ODS PHASE-OUT: 150 MT

COST EFFECTIVENESS²: US \$4.40 per kg. ODP saved

PROJECT DURATION: 18 months

IMPLEMENTING AGENCY: UNIDO

NATIONAL COORDINATING AGENCY: Ministry of Industry and Trade

TECHNICAL REVIEW COMPLETED: YES X NO

SECRETARIAT'S COMMENTS

1. The project proposal is to replace the use of 150 tonnes of CFC with hydrocarbon aerosol propellant (HAP) in the manufacture of insecticides. This project will completely phase out consumption of CFCs in the aerosol sector in Tanzania.
2. In reviewing the proposal the Secretariat identified the following issues: (i) lack of data on CFC consumption by type of product being filled at Mansoor Daya; (ii) technology upgrade associated with the replacement technology and equipment proposed was not considered in the calculation of incremental costs; and (iii) operational savings due to the use of a cheaper propellant were not included.
3. These issues were discussed with UNIDO. Subsequently, UNIDO decided to submit a revised proposal for consideration by the Eighteenth Meeting of the Executive Committee.

¹ Including contingency (10 per cent)

² Determined as the ratio of incremental costs to the estimated annual saving of ODP (\$/ODPkg).
For CFC-11, ODS=ODP.