



**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: SUDAN

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

PROJECT EVALUATION SHEET

COUNTRY OR REGION:	Sudan
PROJECT TITLE:	Phasing out CFCs at Sudanese Cosmetics & Household Products, Ltd.
BUDGET:	US \$897,600 ¹
INCREMENTAL COSTS:	US \$897,600
ODS PHASE-OUT:	281.5 MT
COST EFFECTIVENESS ² :	US \$3.19 per kg. ODP saved
PROJECT DURATION:	18 months
IMPLEMENTING AGENCY:	UNIDO
NATIONAL COORDINATING AGENCY:	Higher Council for Environment and Natural Resources
TECHNICAL REVIEW COMPLETED:	YES <u>X</u> NO <u> </u>

SECRETARIAT'S COMMENTS

1. The project proposal is to replace the use of 281.5 tonnes of CFC with hydrocarbon aerosol propellant (HAP) in the manufacture of cosmetic products and insecticides. This project will completely phase out consumption of CFCs in the aerosol sector in Sudan.
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 Sudanese Cosmetics; (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.