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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-fourth Meeting
Montreal, 16–20 December 2019

**PROGRESS REPORT ON THE DESK STUDY FOR THE EVALUATION OF THE ENERGY
EFFICIENCY IN THE SERVICING SECTOR**

1. At its 83rd meeting, the Executive Committee approved the terms of reference (TOR)¹ for the desk study for the evaluation of the energy efficiency in the servicing sector, attached in Annex I to the present document. The desk study will analyse, *inter alia*: “the design of norms and standards for refrigerants and energy efficiency that favours the introduction of low-global warming potential (GWP) technologies in the refrigeration and air-conditioning (RAC) sector; the promotion of energy efficiency in Article 5 countries; and the local efforts to measure changes in energy efficiency outside of demonstration projects”.
2. Taken into consideration challenges to the desk study for the evaluation of the energy efficiency in the servicing sector² and to allow enough time for the collection of information and data, the Executive Committee, when approving the TOR, also decided that the desk study would be submitted to the 86th meeting and requested the Senior Monitoring and Evaluation Officer to provide an update to the 84th meeting on the status of the desk study (decision 83/9(b) and (c)). In response to decision 83/9(c), the present document informs about the progress made in the preparation of the desk study.
3. To date, a consultant with extended knowledge and a vast experience in reviewing projects in the servicing sector funded by the Multilateral Fund and possessing technical competencies on energy efficiency, has been identified. A list of documents relating to energy efficiency, including previous evaluations, project documents, progress reports and project completion reports, was prepared and is presented in Annex II to the present document. Documents relevant to the terms of reference from the Executive Committee, bilateral and implementing agencies and the Technology and Economic Assessment Panel, have also been identified. The consultant will analyse the documents and present its finding in a desk study at the 86th meeting, based on which the Executive Committee could decide on a way forward for a second phase of the evaluation.

¹ UNEP/OzL.Pro/ExCom/83/10/Rev.1

² Paragraphs 7 to 9 of document UNEP/OzL.Pro/ExCom/83/10/Rev.1

Recommendation

4. The Executive Committee may wish to note the progress report on the desk study for the evaluation of the energy efficiency in the servicing sector contained in document UNEP/OzL.Pro/ExCom/84/14.

Annex I

TERMS OF REFERENCE FOR THE DESK STUDY FOR THE EVALUATION OF THE ENERGY EFFICIENCY IN THE SERVICING SECTOR

Objectives of the desk study

1. The objective of the desk study will be to identify and assess, to the extent possible, best practices, lessons learned and additional opportunities for maintaining energy efficiency in the servicing sector.
2. As there are no specific programmes focused on energy efficiency, the desk study will review previously funded projects to identify energy efficiency related activities in the servicing sector, and their applications in policies and regulations at the country level. Based on the information that will be gathered, the desk study will make suggestions to assist the Executive Committee in considering whether to proceed with further evaluation at the country level.

Scope and methodology

3. The desk study will gather information from the available documents on this topic, including previous evaluations, project documents, progress reports, verification reports and project completion reports to catalogue the energy efficiency activities already undertaken in the servicing sector.

Organization of the evaluation

4. A consultant will be recruited to prepare the desk study to be presented at the 86th meeting. Information provided to the Executive Committee will include information on where the project occurred, a brief description of the activity and type of equipment (if relevant), and any lessons learned from the project. As much as possible, reliable quantitative information will be collected together with qualitative information. Discussions with the Secretariat staff, bilateral and implementing agencies, and National Ozone Units will be organized, as needed.

Annex II

LIST OF DOCUMENTS ON ISSUES RELATING TO ENERGY EFFICIENCY

Document number/source	Title
Executive Committee documents	
UNEP/OzL.Pro/ExCom/70/53/Rev.1	Discussion paper on minimizing adverse climate impact of HCFC phase-out in the refrigeration servicing sector (decision 68/11)
UNEP/OzL.Pro/ExCom/77/9	Final report on the evaluation of HCFC phase-out projects in the refrigeration and air-conditioning manufacturing sector
UNEP/OzL.Pro/ExCom/77/70/Rev.1	Issues relevant to the Executive Committee arising from the Twenty-eighth Meeting of the Parties to the Montreal Protocol
UNEP/OzL.Pro/ExCom/80/9	Final report on the evaluation of chiller projects with co-funding modalities
UNEP/OzL.Pro/ExCom/82/11	Final report of the evaluation of the refrigeration servicing sector
UNEP/OzL.Pro/ExCom/82/64	Preliminary document on all aspects related to the refrigeration servicing sector that support the HFC phase-down (decision 80/76(c))
UNEP/OzL.Pro/ExCom/82/65 and Add.1	Summary of the Parties' deliberations at the 40 th Meeting of the Open-Ended Working Group and the Thirtieth Meeting of the Parties to the Montreal Protocol in relation to the Technology and Economic Assessment Panel's report on issues related to energy efficiency (decision 81/67(b))
UNEP/OzL.Pro/ExCom/83/40 and UNEP/OzL.Pro/ExCom/84/49	Paper on ways to operationalize paragraph 16 of decision XXVIII/2 and paragraph 2 of decision XXX/5 of the Parties
UNEP/OzL.Pro/ExCom/83/41 and UNEP/OzL.Pro/ExCom/84/50	Paper on information on relevant funds and financial institutions mobilizing resources for energy efficiency that may be utilized when phasing down HFCs
UNEP/OzL.Pro/ExCom/83/42 and UNEP/OzL.Pro/ExCom/84/51	Summary of the report by the Technology and Economic Assessment Panel on matters related to energy efficiency with regard to the issues identified in decision 82/83(e)
Bilateral and implementing agencies	
GIZ - presentation on energy efficiency at the meeting of the 41 st Open-ended working group of the Parties to the Montreal Protocol	Energy efficiency in servicing. Impacts of HPMP training and future potential (2019)
UNEP	Briefing note A: The importance of energy efficiency in the refrigeration, air-conditioning and heat-pump sectors (2018)
Technology and Economic Assessment Panel reports	
Report of the UNEP Technology and Economic Assessment Panel September 2018 Volume 5	Decision XXIX/10 Task Force report on issues related to energy efficiency while phasing down hydrofluorocarbons
Report of the Technology and Economic Assessment Panel May 2019 Volume 4	Decision XXX/5 Task Force report on cost and availability of low-GWP technologies/equipment that maintain/enhance energy efficiency