

TERMINAL REPORT AND REQUEST FOR EXTENSION OF INSTITUTIONAL STRENGTHENING FUNDING (as modified by decision 74/51)

2018 to 2019

Sections 1 to 12 and 15 to be completed by the country concerned prior to transmission to the implementing agency for comments in 14.

1. Country: Costa Rica
2. National implementing agency / ozone unit: MINAE/DIGECA/Ozone Technical Office.
3. Implementing agency: UNDP
4. Institutional strengthening (IS) project phases (approved):

Phase	Duration (dd/mm/yy)	Multilateral Fund funding (approved)	Multilateral Fund funding (disbursed)
Phase I	January 1993 – December 1996	213,160	213,160
Phase II	January 1997 – December 1998	108,087	108,087
Phase III	January 1999 – December 2000	108,087	108,087
Phase IV	January 2001 – December 2003	108,087	108,087
Phase V	January 2004 – December 2005	140,513	140,513
Phase VI	January 2006 – December 2007	132,250	132,250
Phase VII	January 2008 – December 2009	140,513	140,513
Phase VIII	January 2010 – December 2011	140,513	140,513
Phase IX	January 2012 – December 2013	140,513	140,513
Phase X	January 2014 – December 2015	140,513	140,513
Phase XI	January 2016 – December 2017	179,857	179,857

5. a) Reporting period (mm/yy to mm/yy): January 2016 December 2017.
- b) Requested (phase funding (US \$), and period): Phase: XII U\$179,857.00
Period: January 2018 – December 2019.

6. Data reporting:

Reporting requirement	Reported		Year reported	Year submitted
	yes	no		
Article 7	X		2015	2016
Article 7	X		2016	2017
Country programme implementation	X		2015	2016
Country programme implementation	X		2016	2017

7. Describe the role and position of the National Ozone Unit (NOU) within the national administration, the way its work is supervised and its access to senior decision-makers (this may include cooperation with steering committees, advisory groups or inter-ministerial bodies).

The functions of the Technical Office of Ozone (OTO), are part of the work of the Directorate of Environmental Quality Management (DIGECA) of the Ministry of Environment and Energy of Costa Rica. DIGECA is the focal point of the Montreal Protocol. This office is responsible for facilitating and conducting all activities aimed at reducing the consumption of ozone-depleting substances; Including the formulation of policies for the reduction of ozone-depleting substances with global warming potential. All actions are carried out in coordination with other government entities, the private sector and civil society through work commissions, obtaining access to decision-makers at the highest level.

With the support of the OTO, and institutional coordination with the Foreign Trade Promoter (Procomer) and the Directorate General of Customs, control is held on imports and exports of ODS and equipment containing them.

8. Indicate the total number staff in the NOU:

- How many are paid under the IS? 2 Full time 2X Half time _____
- How many are paid by the Government? 3 Full time _____ Half time 2X Quarter of time 1X

9. Is the unit fully staffed?

YES	NO
X	

If no, explain _____

10. Please provide details on the status of the implementation of the activities approved from the previous IS phase and planned activities for the requested phase. Please add specific performance indicators.

Objectives (please add as necessary)	Activities in current phase	Achievements in current phase (specify phase/mm/yy)	Planned activities in next phase (specify phase/mm/yy)	Expected results for next phase
<p>Objective 1: Adoption/implementation of ODS legislation and regulation to control and monitor ODS consumption</p> <p>Introduction of licensing and quota system for HCFCs</p>	<ul style="list-style-type: none"> Application of a Regulation "DE-37614-MINAE) to implement a system of import quotas to phase out the use of HCFCs listed in Group 1 of Annex C of the Montreal Protocol. Calculation and distribution of new HCFC import quota for the years 2016 and 2017 according to the reduction schedule agreed with the Multilateral Fund of the Montreal Protocol. Regulate the import of HCFCs and HFCs in the country, in coordination with the Directorate General of Customs and Foreign Trade Promoter (PROCOMER) in accordance with the established quotas for HCFCs 	<p>Gradual reduction of import of HCFCs according to the reduction schedule 2016 and 2017</p> <p>An online system coordinated and operating efficiently, to control imports and exports of HCFCs and HFCs. All year round.</p>	<p>Monitor the implementation of the import quotas system to phase out the use of HCFCs listed in Group 1 of Annex C of the Montreal Protocol "(DE-37614-MINAE). 2018-2019.</p> <p>Calculate and distribute import quotas for HCFC among importers for the years 2018 and 2019.</p>	<p>Gradual reduction of import of HCFCs according to the reduction schedule.</p> <p>An online system coordinated and operating efficiently, to control imports and exports of HCFCs and HFCs.</p> <p>Import quotas established and allocated among importers for 2018 and 2019.</p>
<p>Enforcement of control measures to sustain CFC phase out</p>	<ul style="list-style-type: none"> Application of regulation 35676-MINAE, HACIENDA, SALUD, MAG, where the prohibition of the importation of CFCs is established through the NT.73. 	<p>Illegal imports of CFCs in past 7 years have not been detected. All year around.</p>	<ul style="list-style-type: none"> Verify the prohibition of the import of CFCs in the form of pure substance or contained in equipment. All year round. Random review of the implementation of tariff headings for imports of ODS. All year round. 	<p>No imports of CFCs or equipment containing them are presented</p>
<p>Monitoring illegal ODS trade (all ODS)</p>	<ul style="list-style-type: none"> Monitor in coordination with the Directorate General of Customs the potential smuggling of CFC. (2016-2017) 	<p>Reduce the risk of illicit trafficking. All year around.</p> <p>Customs officers were not trained.</p>	<ul style="list-style-type: none"> Training of Fiscal Control police officers from the Directorate General of Customs, on the characteristics of the ODS for easy identification. 2019. 	<p>Proper application of customs codes for the import of ODS.</p> <p>75 Fiscal Control Police Officers that work at the Directorate General of Customs trained to detect substances that deplete the ozone layer and those of alternative use for these, who enter the country illegally.</p>

Objectives (please add as necessary)	Activities in current phase	Achievements in current phase (specify phase/mm/yy)	Planned activities in next phase (specify phase/mm/yy)	Expected results for next phase
Ratification of Amendments to the Montreal Protocol	<ul style="list-style-type: none"> The draft Law for the ratification of the Kigali amendment is being prepared. 	The proposed law for ratification of the amendment is currently in the legislative assembly, however, it is not possible to define whether it will be ratified during 2017.	Continue ratification process of the Kigali amendment in 2018.	The Montreal Protocol and all its amendments ratified.
Objective 2: Efficient and timely data collection and reporting				
Monitoring customs import/export	<ul style="list-style-type: none"> Periodic monitoring of importers, exporters of ODS and alternative equipment using these substances for operation and maintenance. Monitoring of the import and export of controlled and alternative substances regulated by the Montreal Protocol as well as equipment using these substances for their operation. 	<p>Updated registration data of importers and exporters of refrigeration equipment and air conditioning, HCFC and HFC. All year round</p> <p>Registration of consumption of substances controlled by the Montreal Protocol and those using alternative substances to these, in addition to equipment using gas for operation. All year round</p>	<p>Continue monitoring of importers and exporters of ODS and equipment using these substances for operation or service. All year round</p> <p>Continue monitoring the import and export of controlled and alternative substances regulated by the Montreal Protocol, as well as equipment using these substances for their operation All year round</p> <p>Analyze the creation of a system that captures data from the PROCOMER system to create an automated database of ODS imports and alternative substances for the Ozone Office. 2019</p>	<p>Updated registration data of importers and exporters of refrigeration equipment and air conditioning, HCFC and HFC (Constant).</p> <p>Registration of consumption of substances controlled by the Montreal Protocol and those using alternative substances to these, in addition to equipment using gas for operation (Constant).</p> <p>An automated information capture system.</p>
Article 7 data reporting	<ul style="list-style-type: none"> Systematization of ODS import and export data to be sent to the Ozone Secretariat. 	Country compliance on the submission of annual reports of ODS consumption, under Article 7 of the Montreal Protocol, to the Ozone Secretariat. (May 2017).	Preparing and sending the ODS consumption data (May each year).	Data reports to the Ozone Secretariat sent in 2018 and 2019.

Objectives (please add as necessary)	Activities in current phase	Achievements in current phase (specify phase/mm/yy)	Planned activities in next phase (specify phase/mm/yy)	Expected results for next phase
Country programme data reporting	<ul style="list-style-type: none"> Systematization of ODS import and export data to be to the Multilateral Fund of Montreal Protocol. 	Country compliance on the submission of annual reports of ODS consumption to the Multilateral Fund. (February 2017).	Prepare and submit the ODS consumption data (February each year)	Data reports sent to the Multilateral Fund in 2018 and 2019.
Objective 3: Consultations and coordination with other national agencies/stakeholders				
Steering Committee	<ul style="list-style-type: none"> Periodic monitoring of the activities developed under the project, with the participation of stakeholders involved in its implementation (UNDP, MINAE OZONE UNIT) 	There is a committee that meets regularly to monitor the activities of the various projects implemented under the Montreal Protocol, integrated by UNDP officials, project coordinators and the National Directorate of those in MINAE. (12 meetings per year) All year round	Gathering the Monitoring Committee on a regular basis to monitor the progress of the activities planned under the project. Gathering the Steering Committee that takes decisions at the highest level. (2 meeting per year)	Each of the activities developed under the project has been endorsed by the Monitoring Committee Decisions endorsed by the Steering Committee.
Industry associations	<ul style="list-style-type: none"> Regular coordination meetings with the industry through the Chamber of Industry, along with other actors linked HCFC, to achieve a gradual phase-out. 	Established synergies with industry and marketer of ODS containing equipment to encourage reduced consumption of HCFCs. (2 per year under the project management plan HCFC).	Disseminate with the stakeholders the implementation of the Kigali amendment to eliminate HFCs.	Industry involved in implementing activities to phase out the consumption of HFC.
Objective 4: Supervision of timely implementation of phase-out activities and reduction in ODS consumption				
Terminal phase-out management plan implementation	<ul style="list-style-type: none"> Accompaniment in the management process for the destruction of non-reusable residual gases (2016-2017). 	Destruction platform for CFCs, HCFCs and non-reusable mixtures in late stage construction process.	Accompaniment in the management process for the destruction of non-reusable residual gases (2018-2019).	Destruction of about 5,2 tons of SAO and HFC.
HCFC phase-out management plan preparation/implementation	<ul style="list-style-type: none"> Support project coordination in the implementation of training the acquisition of eco-efficient equipment in the state sector, as well as the establishment of mechanisms for the recovery of refrigeration equipment in order to replace the inefficient equipment (2016-2017). 	Reduction in the import of equipment containing ODS. 280 people (eco-efficient equipment vendors and buyers in state trained). Unfinished activity. (2016 - 2017)	<ul style="list-style-type: none"> Support project coordination in the implementation of training the acquisition of eco-efficient equipment in the state sector, as well as the establishment of mechanisms for the 	<ul style="list-style-type: none"> 300 people eco-efficient equipment vendors and buyers in state trained. Having a valuation mechanism for refrigeration

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Project I: Study on alternative substances to ozone depleting substances (ODS) and its various applications.	<ul style="list-style-type: none"> • Conduct a study on imports and exports of alternative substances to ozone depleting substances (ODS) and its various applications. • Determining a nationwide volume of waste of non-reusable ODS alternatives substances. 	Study with detailed information on alternatives to ozone-depleting substances (ODS) and its various applications, as well as on the volumes of ODS and non-reusable alternatives. The volume of ODS non reusable was 5,32 t.	recovery of refrigeration equipment in order to replace the inefficient equipment (2018-2019).	and air conditioning equipment that are discarded because they are not reusable. 2018-2019 All these outcomes are part of the joint work of OTO's Institutional Strengthening Project and the HCFC Phase-out Management Plans.

Objectives (please add as necessary)	Activities in current phase	Achievements in current phase (specify phase/mm/yy)	Planned activities in next phase (specify phase/mm/yy)	Expected results for next phase
Objective 5: Awareness raising and information exchange				
Information dissemination to key stakeholders	<ul style="list-style-type: none"> Prepare an online course for teachers with educational material for students, based on the materials prepared by UNEP on the protection of the ozone layer. (2017) A minimum of 300 school sciences teachers, trained on protection of the ozone layer. (2017). Update OTO's website with information of public interest (Constant). Install environmental sensors in regions of Costa Rica. (2016-2017) Raising public awareness about the importance of not continuously expose to ultraviolet radiation and use the necessary protection, this through lectures and distribution of materials. (2016-2017) 	<p>An online course for teachers with educational material for students and a minimum of 300 school sciences teachers, trained on protection of the ozone layer. Unfinished activity.</p> <p>Updated OTO's website to carry out consultations and procedures on substances that deplete the ozone layer. (All year around)</p> <p>The country may continue to value the ultraviolet radiation index. (2016-2017)</p> <p>80 people sensitized in the importance of not continuously expose to UV radiation and use the necessary protection population. (2016-2017)</p>	<p>Continue to promote through the different educational platforms the online course.</p> <ul style="list-style-type: none"> Update OTO's website with information of public interest (All year around) Raising public awareness about the importance of not continuously expose to ultraviolet radiation and use the necessary protection, this through lectures and distribution of materials (2018-2019). <p>Installation of equipment to strengthen the Ultraviolet Radiation Monitoring Network of the National Meteorological Institute (2018).</p>	<p>A minimum of 200 school sciences teachers, trained on protection of the ozone layer.</p> <p>Updated OTO's website to carry out consultations and procedures on substances that deplete the ozone layer. (Continued)</p> <p>200 people sensitized in the importance of not continuously expose to UV radiation and use the necessary protection population.</p> <p>Strengthening of the Ultraviolet Radiation Monitoring Network of the National Meteorological Institute.</p>

Objectives (please add as necessary)	Activities in current phase	Achievements in current phase (specify phase/mm/yy)	Planned activities in next phase (specify phase/mm/yy)	Expected results for next phase
International Ozone Day	<ul style="list-style-type: none"> Organization of activities to celebrate the International Day for the Preservation of the Ozone Layer (2016). 	<p>Commemoration of the International Ozone Day in September (2016-2017)</p> <p>For the celebration of 2016 the Ozone Unit organized a forum, where it was analyzed that represents for the country, the introduction of new technologies and refrigerants, and the final disposal of those that have reached the end of their useful life. Materials with key messages were developed and distributed.</p> <p>The celebration in 2017 has not yet been completed. This year's theme is to preserve the ozone layer to reduce the incidence of UV B rays and prevent skin cancer. There will be a health and environment fair.</p>	<ul style="list-style-type: none"> Organize different activities during the ozone month including lectures, dissemination through printed materials, DIGECA OTO's website, and national press (Sep. 2018-2019). A minimum of 3 activities in the month of September. 	Commemoration of the International Ozone Day in September (2018-2019)
Objective 6: Regional cooperation and participation to Montreal Protocol meetings				
Regional network participation	<ul style="list-style-type: none"> Attendance to the ROLAC meetings, one per year 	Participation at the following network meetings: Chile 2016 Costa Rica 2017	To participate in Regional network meetings. (2018-2019).	Attendance to the ROLAC meetings, one per year.
Open-ended Working Group / Meeting of the Parties	<ul style="list-style-type: none"> Participation at the Open-ended Working Group of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer. Thirty-seventh meeting Vienna, 2016 Participation at the Open-ended Working Group of the Parties to the Montreal Protocol on substances that Deplete the Ozone Layer Thirty-eighth meeting 	Amendment of approved Kigali. (2016) Proposals for facilitating activities identified. (2017)	To participate in the international MP meetings. (2018-2019)	Attendance to the OEWG, MOP and ExCom Meetings. Participation in contact groups as required

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	Kigali, 2016 <ul style="list-style-type: none"> Participation at the Twenty-Eighth Meeting of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer Kigali, 2016. Participation at the Open-ended Working Group of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer. Thirty-nine meeting Thailand, 2017. 			

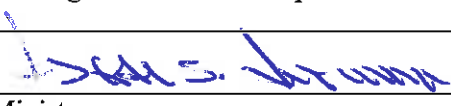
11. Financial report:

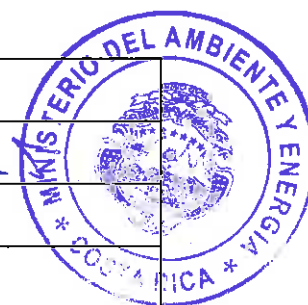
Item of expenditure	Budget for current phase (US \$)	Disbursement (for current phase) (US \$)		Estimated budget (for requested phase) (US \$)	Government funding (in kind contribution) (US \$)	
		Actual	Obligated		Current phase	Requested phase
Staff (including consultants)	104 085.70	82 985.70	21 100.00	108 000.00	111 884.00	117 762.39
Equipment	11 200.00	11 200.00	0	10 000.00	4 096.00	22 000.00
Operational cost (i.e. meetings, consultations, etc.)	35 731.72	26 731.72	9 000.00	35 000.00	31 620.00	39 778.17
Public awareness	20 339.58	19 667.38	672.10	20 000.00	26 500.00	29 500.00
Other	8 500.00	8 500.00	0.00	6 857.00	6 000.00	10 000
TOTAL	179 857.00	149 084.80	30 772.20	179 857.00	180 100.00	219 040.56

12. Please evaluate the IS performance in meeting the following indicators:

Indicator	Evaluation			Comments
	Very good	Satisfactory	Poor	
1. Effectiveness of import control measures	X			
2. Integration of ozone protection issues into national plans		X		
3. Completion of phase-out projects	X			
4. Efficient data reporting	X			

13. Government endorsement:

Action plan authorized by (<i>name</i>):	<i>Dr. Edgar E. Gutiérrez Espeleta</i>
Signature of authorising authority:	
Title:	Ministro
Supervising Organization/Agency/Ministry:	Ministerio de Ambiente y Energía
Date:	14/08/17



14. Submission of action plan:

Name of implementing agency:	UNDP
Name of Project Officer:	Kasper Koefoed-Hansen
Signature of Project Officer:	
Date:	22/8 2017
Comments of the implementing agency:	The National Ozone Unit in Costa Rica is very effective in its daily work, and has over the years built a very strong reputation in the country as well as internationally speaking. Costa Rica is always in compliance with its consumption and reporting obligations under the Montreal Protocol. The country played an important role in the negotiations of the Kigali Amendment and was willing to go for an even more ambitious phase-down schedule. Earlier this year, Costa Rica also completed its study on ODS alternatives, which is an important task in order to better understand the implications of the Kigali Amendment. The high growth rates of HFC consumption will present an interesting challenge for the Costa Rica. We would like to commend the National Ozone Unit in Costa Rica for its good work on the Montreal Protocol.

15. Executive summary: please provide summaries for the information required below in no more than one paragraph each. These paragraphs will be used in documents for the Executive Committee Meeting.

a) Terminal report

During the implementation of phase XI of the Institutional Strengthening Project of the Ozone Technical Office attached to the Directorate Environmental Quality Management of MINAE, the import and export control of ozone-depleting refrigerants that also produce global warming. In 2016, a total of 6,483 applications for import and export of refrigerating equipment and gases were approved. In the first half of 2017, 2,923 applications were approved. At 2016 and 2017, ODS consumption data are prepared and submitted in accordance with Article 7 of the Montreal Protocol for the Ozone Secretariat and the country program reporting for the Multilateral Fund of the Montreal Protocol.

Likewise, at this stage of the project, efforts are being made to raise public awareness through workshops focus in two main topics: importance of protecting the ozone layer and not exposing itself to ultraviolet radiation without using the necessary protection, (participation of 80 persons) and the promotion of eco-efficient equipment, like equipment whose refrigerant gases do not deplete the ozone layer, have a low global warming potential and are energy efficient (participation of 280 persons). By 2016, as result of the effort made since 2013 when the baseline for HCFC imports was established, imports of these ozone-depleting substances were reduced by 28%. These actions are complemented by the establishment of an Ultraviolet Radiation Monitoring Network, established in coordination with the National Meteorological Institute (IMN).

b) Plan of action

The action plan for this new phase of the Project will be based on continuing to control HCFC imports, and their alternatives as well as equipment containing them, focusing on the phase-out of HCFC consumption and Ratification of the Kigali amendment for the elimination of HFCs. Support will continue to be given to the process initiated under the HCFC phase-out plan for the destruction of non-reusable refrigerants. Likewise, the program of training and awareness of importers and consumers of refrigeration and air conditioning equipment with eco-efficiency characteristics will continue.

