

REQUEST FOR PERSISTENT ORGANIC POLLUTANTS ENABLING ACTIVITY

PROPOSAL FOR FUNDING UNDER THE GEF Trust Fund

PART I: PROJECT IDENTIFIERS

EA Title:	Enabling activities to review and update the national implementation plan for the Stockholm		
	Convention on Persistent Organic Po	Convention on Persistent Organic Pollutants (POPs)	
Country(ies):	The Republic of Ecuador	GEF Project ID: ¹	5180
GEF Agency(ies):	UNIDO (select)	GEF Agency Project ID:	120077
Other Executing Partner(s):	Ministry of Environment (MoE)	Submission Date:	2012-10-15
GEF Focal Area (s):	Persistent Organic Pollutants	Project Duration (Months)	12
Check if applicable:	NCSA NAPA	Agency Fee (\$):	20,500

A. EA FRAMEWORK*

EA Objective: The overall objective of the proposed Enabling Activities (EA) is to review and update the National Implementation Plan (NIP), and have it endorsed and submitted by the Government to the Conference of the Parties of the Stockholm Convention (COP). Participating stakeholders will be able to manage the additional POPs with newly developed technical skills, expertise and awareness.

EA Component	Grant Type	Expected Outcomes	Expected Outputs	Grant Amount (\$)	Confirmed Co-financing (\$)
1. Coordination mechanism and awareness raising	ТА	Coordination mechanism in place with stakeholders aware of the risk of new POPs	1.1.Project coordination mechanism re- established and working groups formed and contracted (co- financing and PMC); 1.2.Stakeholders and public informed, consulted and aware of new POPs risks and policy implications.	4,000	15,000
2.Inventories of new POPs and NIP review	ТА	Validation of inventories of new POPs (and updating of initial 12 POPs) by relevant stakeholders	2.1.Inventories of initial 12 POPs updated and validated by stakeholders; 2.2.Inventories of new POPs conducted and validated by stakeholders.	117,240	128,000
3. National capacities assessment and	ТА	Identification of national capacities for new POPs	3.1.National regulatory and policy framework	36,590	42,000

¹ Project ID number will be assigned by GEFSEC.

priority setting					
		management and	and institutional		
for management		priority setting of	capacities to		
of new POPs		new POPs risk	manage new POPs		
		reduction options	assessed;		
			3.2. Prioritization		
			of new POPs risk		
			reduction options		
			based on criteria,		
			cost and benefit		
			and inventory		
			results completed.		
4. NIP	TA	Government	4.1.Updated and	19,170	20,000
formulation,		endorsement and	reviewed NIP	,	
endorsement and		submission of	drafted;		
submission		updated NIP to	4.2.NIP endorsed		
		the Conference of	by the		
		Parties to the SC	Government and		
			submitted to the		
			Conference of		
			Parties to the SC		
	(select)				
5. Monitoring	TA	Periodic	5.1. Periodic	10,000	10,000
and evaluation		Monitoring and	monitoring reports		
		terminal	5.2. Terminal		
		evaluation of	evaluation report		
		project	I I I I I I I I I I I I I I I I I I I		
		implementation			
Subtotal				187,000	215,000
EA Management C	Cost ²			18,000	20,000
Total EA Cost				205000	235000

^a List the \$ by EA components. Please attach a detailed project budget table that supports all the EA components in this table.

B. CO-FINANCING FOR THE **EA** BY SOURCE AND BY NAME

Sources of Co-financing	Name of Co-financier	Type of Cofinancing	Amount (\$)
National Government	Ministry of Environment	In-kind	225,000
GEF Agency	UNIDO	Grant	10,000
(select)		(select)	
Others		(select)	
(select)		(select)	
Total Co-financing			235,000

 $^{^{2}}$ This is the cost associated with the unit executing the project on the ground and could be financed out of trust fund or co-financing sources.

C. GRANT RESOURCES REQUESTED BY AGENCY, FOCAL AREA AND COUNTRY

GEF Agency	Type of Trust Fund	Focal Area	Country Name/Global	EA Amount (a)	Agency Fee (b) ²	Total (c)=(a)+(b)
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
Total Gra	Total Grant Resources		0	0	0	

D. EA MANAGEMENT COST

Cost Items	Total Estimated Person Weeks/Months	Grant Amount (\$)	Co-financing (\$)	EA Total (\$)
Local consultants*	44.00	16,590	17,500	34,090
International consultants*				0
Office facilities, equipment, vehicles and communications*		750	1,000	1,750
Travel*		660	1,500	2,160
Others**	Specify "Others" (1) Specify "Others" (2) Specify "Others" (3)			0 0 0
Total		18,000	20,000	38,000

* Details to be provided in Annex A. **For Others, to be clearly specified by overwriting fields (1)-(3)

***Local consultants: 46 weeks of national consultants refer to Annex A EA management costs, which will be covered by the GEF grant only. The additional co-financing will be used for additional national experts to be hired by the executing partner. Please refer to Annex D for a total estimation of GEF grant and co-financing.

ADDITIONAL INFORMATION FOR TABLE D, IF APPLICABLE:

If costs for office facilities, equipment, vehicles and communications, travels are requesting for GEF financing, please provide justification here:

The costs for communications/ printing/ translation/ reporting costs are shared between GEF financing and the governmental cofinancing contribution. It is foreseen that communications and translation activities are to be provided by the GEF financing, and purchase of office equipment (paper, toner, etc.) and equipment maintenance to be provided by the national co-financing. Regarding the travel expenses, it is planned that the local travel will be covered by both the GEF grant and the national cofinancing contribution. It should be stressed that some of the institutions and companies that will be engaged with the new POPs management are not located in Quito.

PART II: ENABLING ACTIVITY JUSTIFICATION

<u>ART II: ENABLING ACTIVITY JUSTIF</u>	
A. ENABLING ACTIVITY BACKGROUND AND CONTEXT (Provide brief information about projects implemented since a country became party to the convention and results achieved):	The Stockholm Convention (SC) on Persistent Organic Pollutants (POPs) was adopted in May 2001 with the objective of protecting human health and the environment from toxic and hazardous POPs. It entered into force on 17 May 2004 initially listing twelve chemicals as POPs. At its 4 th meeting of the Conference of the Parties (COP) in May 2009, the SC was amended to include the following nine new POPs in Annex A (Alpha hexachlorocyclohexane, Beta hexachlorocyclohexane, Chloredecone, Hexabromobiphenyl, Hexabromodiphenyl ether and heptabromodiphenyl ether, Lindane, Pentachlorobenzene (also listed in Annex C), Tetrabromodiphenyl ether and pentabromodiphenyl ether) and Annex B (Perfluorooctane sulfonic acid (PFOS), its salts and perfluorooctane sulfonyl fluoride). The amendments entered into force for most of the SC Parties on 26 August 2010.
	According to Article 7 of the SC, Parties are required to develop a National Implementation Plan (NIP) to demonstrate how the country will implement the obligations under the SC. The Party should transmit the NIP to the COP within two years of the date on which the SC entered into force for the country. In compliance with this, the country ratified the SC on June 7, 2004 and it entered into force on September 5, 2004. The amendments to the SC adopted at COP 4 to add newly chemicals as POPs entered into force on August 28, 2010 for most Parties to the SC, including this country. The original NIP addressing the twelve POPs was transmitted to the COP on June 9, 2006 with funding from the Global Environmental Facility (GEF). The Ministry of Environment (MoE) (Ministeria del Ambiente) was appointed as the National Coordination Entity for information Exchange regarding the reduction or elimination of production, usage and releases of POPs. The same ministerium will also serve as Focal Point for the NIP update.
	Parties to the SC have further requested to review and update their NIPs, as specified by COP decision SC-1/12 during COP-1, and SC-4/10 to SC 4/18 at the fourth meeting of the COP (4 to 8 May, 2009). The COP considered and decided to list nine new POPs to Annexes A, B and C of the Convention, as recommended by the POPs Review Committee (POPRC). Most Parties to the Convention are required to review, update and re-submit their NIPs by August 2012. The SC was further amended at the 5th meeting of the COP (April 2011) to include endosulfan in Annex A, with specific exemptions. Hence, endosulfan will be also covered by the present EA project.
	The NIP update process will enable the country to establish inventories of products and articles containing the 10 newly listed POPs and identify industrial processes where these POPs are still employed or unintentionally produced. The NIP update will build on the existing national coordination mechanism and capacities established during the original NIP development, which included a National Steering Committee (NSC) involving relevant ministries and stakeholders dealing with POPs management. The NSC will be expanded to involve relevant stakeholders and experts for the management of the 10 newly listed POPs (e.g. on electronic appliances). UNIDO in agreement with the national government will be the implementing agency. UNIDO will engage MoE in the capacity of a national executing organization to service and perfom the work as agreed in a sub-contract in the terms of references (TOR) after project approval.

The Republic of Ecuador has already gained some experience in conducting inventories and drafting action plans for elimination of pesticides, PCBs, DDT, and unintentionally produced POPs (u-POPs), the elimination of new POPs pesticides may, to a large extent, be managed similar to the initial POPs pesticides. The country also has an on-going PCB project (GEF ID: 4741) which just started its activities, and a PCB inventory will be updated before the pilot demonstration of final disposal will be carried out. The update PCB inventory will also be incorporated into the update of PCB inventory, if timely possible. Technical and human resources gathered during this PCB project, especially stakeholders involved, will be used for the NIP update, whereever appropriate and possible. However, new approaches are required to manage the industrial POPs chemicals such as polybrominated diphenyl ethers (PBDEs) and PFOS, due to their global use in industrial processes, products (especially electronic appliances) and recycling streams. For these chemicals, new inventory analyses in terms of supply chain, material flow and stakeholder analyses are required to meet the challenges of mitigating/eliminating the hazards and risks associated with the new POPs consumer products and on the market.

For this NIP update project, the GEF assistance for this EA shall equip the ministry to fulfill its specific obligations under the SC to review, update and submit the NIP to the COP. In addition, it is envisaged that economic sustainability and a sustainable administration of the project will be achieved through strengthening of the institutional POPs management structure, making of necessary policies and raising public awareness. High-level political involvement will be ensured through assigning a National Project Director (NPD), who will communicate and consult with relevant authorities and stakeholders on project matters. This will also be beneficial for a timely national endorsement of the NIP and its submission to the Stockholm Convention Secretariat (SCS). Periodic project monitoring as described in the Monitoring and Evaluation Plan (Part II, E) will help identify project implementation gaps and provide time for project adjustments. Social sustainability will be ensured by strengthening public participation strategies and ensuring equitable access to project outcomes to the general public (e.g. POPs website). In particular the local community, women's and children's groups will be consulted in the inventory process to ensure that relevant POPs information, problems and actions can be gathered and future mitigation strategies can be developed. At the same time, relevant public will be informed about POPs-related human health and environmental risks and the benefits from reducing and/or eliminating the production (if), use, storage, transport and disposal of POPs in an unsustainable and nonenvironmentally friendly manner. The design of prioritized post-NIP projects with assigned national responsibilities and timelines will be part of the reviewed and updated NIP and will provide the basis for the national implementation of the SC.

Gender dimensions are also a critical component to be considered during the NIP review and update process. Recognizing that the level of exposure to POPs chemicals and its related impacts on human health are determined by social and biological factors, women, children and men might be exposed to different kinds, levels and frequency of new POPs chemicals (e.g. in the household, agriculture, industry, school, etc.); therefore, gender mainstreaming activities will be an integral part of this project. This will be addressed with due regard to UNIDO gender policy, mainly by involving women and vulnerable groups at the sector level (e.g. Ministry of Health, Ministry of Agriculture, etc.), in the project coordination unit (PCU) and national steering committee (NSC, Activity 1.1.1. and 1.1.2), at the stakeholder level (e.g. by involving relevant women's group in the workshops, Activity 1.2.1.), at the informational level (e.g. gathering POPs inventory data on current POPs management practices, on occupational health data, and consultation about potential and practical post-NIP interventions) and public awareness activities (Activity 1.2.2.). The national expert on socioeconomic assessment will also emphasize his/her assessment (Activity 3.1.3.) on the benefits of new POPs reduction and use on human health, especially women and children, and the environment, as well as the use of new POPs in an environmentally sound manner. These involvements and results will be summarized in the inventory reports to provide a basis for prioritization, development of action plans and drafting of post-NIP projects.

The GEF's promotion of enhanced global synergies is envisaged within the context of the proposed outcomes for the NIP update project. While efforts will be placed to address the specific country needs, the global coherence of activities will be considered. UNIDO will disseminate lessons learned from various NIP update projects, especially practical experiences gained from conducting new POPs inventories, and recommendations on inventory procedures.

B. ENABLING ACTIVITY GOALS, OBJECTIVES, AND ACTIVITIES (The	The overall goal of the Enabling Activity (EA) is to fulfill the country's obligation under Article 7 of the SC which is to review and update the NIP and submit it to the
proposal should briefly justify and describe the project framework.	COP within two years after amendments enter into force.
Identify also key stakeholders involved in the project including the private sector, civil society organizations, local and indigenous communities, and their respective roles, as applicable. Describe also how the gender dimensions are considered in project design and implementation.)	The tasks of the proposed EA will fill the gaps required to review and update the NIP. This will include strengthening the national coordination mechanism by involving additional stakeholders on new POPs, establishing working groups with expertise on new POPs issues, updating and reviewing the inventories of the original twelve POPs, conducting a basic inventory of new POPs, assessing the regulatory and policy framework and institutional capacities to manage new POPs, prioritizing and drafting relevant objectives and action plans for reducing and phasing out new POPs. Relevant stakeholders will be consulted and involved throughout the project implementation process. The updated, endorsed and submitted NIP will provide a basis to implement post-NIP projects in accordance with the requirements of the SC. The EA project will focus on the attainment of the following outcomes: Reviewed and updated NIP endorsed and submitted by the Government to the COP to the SC; Participating stakeholders able to manage the additional POPs with newly developed technical skills, expertise and awareness.

C. DESCRIBE THE ENABLING ACTIVITY AND INSTITUTIONAL FRAMEWORK FOR PROJECT IMPLEMENTATION (discuss the work intended to be undertaken and the output expected from each activity as outlined in Table A). EA Outcome 1. Coorindation mechnism in place with stakeholders aware of new POPs risks

Output 1.1. Project coordination mechanism re-established and working groups formed and contracted

Activity 1.1.1. Strengthen national coorindation mechanism to be covered under project management costs (PMC) and co-financing)

The already existing institutional base and national capacity to manage POPs in the MoE will be maintained and strengthened, if necessary. UNIDO will be the implementing and the MoE executing agency and Project Coordination Unit (PCU). The PCU will consist of the Project Coordinator (NPC), Project Technical Specialist (PTS) and Assistant to the project coordinator. The main responsibilities of the PCU will be to (1) draft the project work plan including assigned responsibilities amongst government and other stakeholders, (2) manage the project execution, initiation, final planning and budget. In addition, the PCU will also monitor technical aspects of the project, organize the inception and other workshops, establish and contract the working groups and consult stakeholders throughout the project life. Strong emphasis will be placed on the participation of the private sector, civil society, and women's group to ensure their active involvement in the project.

Activity 1.1.2. Re-establish the National Steering Committee (to be covered by PMC and co-financing)

The National Steering Committee (NSC) consisting of relevant ministry bodies, representatives from NGO's and universities is already in place and the governmental and non-governmental bodies that participated in the original NIP development will also be involved in the NIP review and update process with the gender balance considered. However, additional stakeholders, representatives and ministries dealing with new POPs, especially stakeholders involved in import and export of articles (e.g. electronic appliances) containing new POPs, and stakeholders from industry sectors affected by regulations on production/ disposal of waste and articles containing new POPs will be consulted.

Activity 1.1.3. Draw up overall work plan, select working groups, national and international experts and assigned responsibilities

The PCU will develop a detailed work plan for the NIP update. It will draw up the assigned responsibilities amongst government departments and select and nominate relevant project stakeholders. The NSC will approve the work plan. With this, relevant governmental institutions will be requested to allocate the necessary human and technical resources for the project implementation.

Expertise not available at the stakeholders will be fulfilled with national experts; the PCU will assure their selection and hiring. The implementing agency will select and hire international experts to assist in specific project activities outlined in the Terms of Reference (TOR).

Four working groups with expertise in specific areas will be responsible for conducting the inventories as follows:

Three inventory working groups will be on (i) old and new POPs pesticides, (ii) old and new industrial POPs and (iii) old and new unintentionally produced POPs (u-POPs).

• The working group on institutional and legal issues will assess and prepare a gap analysis on the current legislative and institutional framework pertaining to the management of the new POPs chemicals and waste. The results will be summarized in a report.

National and international experts will assist in the implementation of the project activities, outputs and drafting of the project documents. The national experts will be selected and contracted by the PCU, and the international experts will be selected and contracted by UNIDO.

Output 1.2. Stakeholders and public informed, consulted and aware of new POPs risks and policy implications

Activity 1.2.1. Stakeholder consultation (to be covered by PMC and co-financing)

The MoE in close coordination with UNIDO's project manager will be responsible to mobilize the support, cooperation and consultation of all relevant stakeholders. Special attention will be given to informing producers, importers and distributors of new POP and/or articles containing new POPs on the obligations of the country under the SC and their involvement in inventory and priority setting processes. Feedback suggestions and comments received from stakeholders will be reviewed, considered and answered by the project management.

The amendments to the SC to almost double the number of initial POPs to the addressed might require the involvement of additional stakeholders in the inventory and action plan development process. To this end, the first step of the project is to re-evaluate and, if needed, identify new stakeholders. This activity will culminate in a stakeholders meeting, where the key partners for NIP update will be selected.

Activity 1.2.2. Public participation and awareness of the new POPs and EA project development

The SC strongly promotes the participation and involvement of the public in the preparation and implementation of NIP-related activities as a major driving force for initiating environmental health improvements. The project seeks public participation by consulting those potentially affected by the production, use and management of new POPs. Relevant community groups, agricultural groups, women and children groups will be involved in new POPs inventory activities and at the same time informed about the human and environmental risks associated with POPs. The information will be assessed to provide a basis for the inventory reports and design of action plans to implement the SC.

The communication strategy will include activities for informing the general public on planned activities and achieved results of the EA project in a timely manner. Special information releases will be prepared and distributed to different public organizations, especially to women's groups, and press media. For outlining a detailed communication strategy, the UNEP guidance "Developing a communications strategy for National Implementation Plans (NIPs) under the Stockholm Convention on POPs" may be referred to.

The POPs website will be continuously updated on project activities. Feedback, suggestions and comments received from public organizations will be reviewed, considered and answered by the project management team.

Activity 1.2.3. Hold inception workshop for high-level commitment

An inception workshop will be held to raise awareness of the EA project on updating and reviewing the NIP amongst the widest possible range of stakeholders (government institutions, industry and industrial associations, NGOs, university, etc.) and to get a full understanding an integrated approach for getting the NIP endorsed and submitted. The integrated approach will involve different steps, activities and assigned responsibilities among government, stakeholders

Activity 2.2.1. Train working groups in charge of inventories A training workshop will be held on new POPs inventory procedures for the working groups and national experts identified at the inception workshop. Each
Output 2.2. Inventories of new POPs conducted and validated by stakeholders
Final draft preliminary inventories and assessment reports on the initial POPs will be submitted to NSC for approval. The PCU will organize a meeting to validate and discuss the outcomes of the updated POPs inventories. All working group members, PCU and relevant stakeholders will be invited to the meeting.
Activity 2.1.2. Hold meeting for the validation of initial POPs inventories
Each working group will gather relevant information and update inventories of the initial 12 POPs in order to have a solid baseline for priority review setting. This process would also assess the effectiveness, efficiency and progress of the NIP implementation process. The following inventories and assessments will be developed or updated: • Annex A POPs pesticides; • Annex A, Industrial chemicals; • Annex B chemicals; • Annex B chemicals; • Releases of Annex C chemicals; • Stockpiles, contaminated sites and wastes; • Requirements for exemptions; • Monitoring and environmental and human health impacts; • Awareness and education; • Relevant activities of non-governmental stakeholders; • Overview of technical infrastructure; • Threats to public health and environmental quality and social implications; • System for the assessment and listing of new chemicals; • System for the assessment and regulation of chemicals already in the market. The reviewed and updated inventory database, effectiveness assessment reports and reviewed action plans to assure the elimination and/or restriction of the production, use, import, export releases and disposal of the original POPs based on national priority assessment and objective setting will be submitted to UNIDO for evaluation and consequent inventory revision, if needed. The revised database and assessment reports will be further submitted to NSC for approval.
 EA Outcome 2. Validation of inventories of new POPs and updating of initial 12 POPs by relevant stakeholders Output 2.1. Inventories of initial 12 POPs updated and validated by stakeholders Activity 2.1.1. Update and validate initial 12 POPs inventories
and project participants, including all relevant requirements, and timeframe to meet the obligations of the SC. The principal output of the inception workshop is to have the written commitment of high-level participants to endorse the NIP update.

working group will develop its own workplan, after the training, which will be included in their TORs. The working groups will be the main actors of this project component with respect to reviewing the existing national institutional capacities and regulations (component 3) and new POPs inventories. International experts will conduct the training, which will address the following:
•Procedures for gathering new POPs-related information;
 Conducting new POPs inventories of trade, use, stocks and contaminated sites according to new POPs guidelines; Assessing the national institutional and policy framework; Assessing the current national level of public awareness on new POPs; Assessing socio-economic implications of new POPs utilization, elimination and reduction; Obligations under the SC with respect to new POPs management.
Activity 2.2.2. Conduct new POPs inventories
The working groups will gather relevant baseline on the following inventories and assessments of new POPs:
 Annex A POPs pesticides (production, distribution, use, import and export of new POPs, and types and stockpiles of new POPs); Annex A industrial chemicals (production, distribution, use, import and export of new POPs, and types and quantities of articles containing new POPs (especially e-waste products)); Annex B chemicals (production, distribution, use, import and export of new POPs); Annex C chemicals; Stockpiles, contaminated sites and wastes; Requirements for exemptions; Monitoring and environmental and human health impacts; Awareness and education; Relevant activities of non-governmental stakeholders; Overview of technical infrastructure; Threats to public health and environmental quality and social implications; System for the assessment and listing of new chemicals;
The inventories and assessments will focus on
•The review and update all existing national rules and regulations in the field of the new POPs and related waste management;
•The review and update of the list of existing national rules and regulations, as provided in the initial NIP;
•The gap analysis of the reviewed and updated existing legislation in correspondence to its implementation under the Stockholm Convention;
•The review of the institutional linkages of relevant stakeholders, organizations and other institutions working on POPs issues and their future linkages to new POPs issues, including research and development;

•Information related to new POPs pesticides, industrial POPs and unintentional POPs and development of a data base concerning their production, import, export, use, stocks, and releases, including stockpiles, contaminated sites and new POPs alternatives to be identified at the international level in their overall assessment;
•The available infrastructure for the analysis, monitoring and disposal of new POPs, including the analysis of potential environmental and health effects.
The working group will carry out the following tasks (Annex A):
Local experts on old and new POPs pesticides inventory to:
 Develop comprehensive work plan for reviewing and updating the pesticide inventory;
•Develop special inventory forms to facilitate the inventory process;
•Describe the step-by-step methodology for inventory preparation;
•Coordinate the process of data collection;
•Collect and assess statistical data linked with POPs pesticides and obsolete POPs pesticides presence in the country;
•Create an updated inventory of:
 Annex A POPs pesticides; and Stockpiles, contaminated sites and wastes
As part of the action plan development, the expert team will be responsible for developing the following plans in consultation with the relevant authorities/ NGOs:
 Activity: production, import and export, use, stockpiles and wastes of Annex A POPs pesticides; Activity: measures to reduce releases from stockpiles and wastes (Article 6); Activity: manage stockpiles and appropriate measures for handling and disposal of articles in use; Strategy: identification of contaminated sites (Annex A, B and C Chemicals) and remediation in an environmentally sound manner.
Local experts on old and new industrial POPs inventory to:
 Develop comprehensive work plan for reviewing and updating the inventories on POPs industrial chemicals; Develop special inventory forms to facilitate the inventory process; Assist the laboratory analysis of collected samples;
•Describe the step-by-step methodology for inventory definition;
 Coordinate the process of data collection; Collect available statistical data linked with the new industrial POPs; Organize regular meetings with the workgroup (s) members; Assess the collected inventory data; Create the following inventories: Annex A, industrial chemicals; Annex B chemicals.
As part of the action plan development, the expert team will be responsible for developing the following plans in consultation with the

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	Relevant authorities/ NGOs:
	•Activity: production, import and export, use, identification, labelling, removal,
	storage and disposal of Industrial POPs;
	•Activity: production, import and export, use, stockpiles and wastes of Annex B
	chemicals if used in the country;
	•Activity: register for specific exemptions and the continuing need for
	exemptions (article 4);
	•Strategy: identification of stockpiles, articles in use and wastes.
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	Local experts on old and new unintentional POPs inventory to:
	<u> </u>
	•Create a plan for estimation of the unintentional POPs releases in the
	selected media (air, water, land, product, residue);
	•Collect information on the national technical infrastructure for POPs
	analysis, handling, transportation, disposal, monitoring capacity and
	other relevant technical expertise;
	•Create a database of potential sources for new unintentional POPs in
	the country;
	•Develop comprehensive work plans;
	•Organize regular meetings with the workgroup members;
	•Collect data gained through emission estimation;
	•Create the following POPs inventories:
	• Releases of Annex C chemicals;
	• Overview of technical infrastructure.
	As part of the action plan development, the expert team will be responsible to
	develop the following plans in consultation with the relevant authorities/ NGOs:
	•Action plan: measures to reduce releases from unintentional production
	(Article 5);
	•Activity: research, development and monitoring (Article 11); and
	•Activity: technical and financial assistance (Articles 12 and 13).
	•Activity. technical and financial assistance (Afticles 12 and 15).
	The major can in the NID undets process is that the notantial users of the new
	The major gap in the NIP update process is that the potential users of the new
	industrial POPs are not known and there is a lack of capacity within the government
	to address such matters. The inventory of the new POPs will closely look at the
	potential industries that might use these chemicals. Under the GEF/UNIDO project
	"Development of the Guidelines for updating of National Implementation Plans
	(NIPs) under the Stockholm Convention taking into account the new POPs added to
	the Convention", UNIDO together with UNITAR and the SC Secretariat are
	currently developing guidance for reviewing and updating of NIPs, including a step-
	by-step approach on how to conduct PBDE and PFOS inventories. These draft
	guidelines have undergone peer review and the final version will be available soon.
	Several training activities on the use of the guidelines for international experts and
	relevant stakeholders have been planned by the SC, involving implementing
	agencies.
	Activity 2.2.3. Hold workshop on inventory validation
	The PCU will organize a workshop to validate and discuss the key outcomes of the
	new POPs inventory. All working group members, PCU and relevant stakeholders
	will be invited to the workshop.

EA Outcome 3: Identification of national capacities for new POPs management and priority setting for new POPs risk reduction option

Output 3.1: National regulatory and policy framework and institutional capacities to manage new POPs assessed

Activity 3.1.1. Review the legislative and regulatory framework pertaining to new POPs management

The working group will gather information and perform a gap analysis on the current legislative and regulatory framework in place to meet the requirements of the SC with regard to the new POPs. The starting point will be the information in the original NIP, however, the database will also be reviewed and updated with potential changes in the legal and institutional framework pertaining to the management of POPs that may have occurred since NIP development. An assessment report will be drafted and submitted to the NSC for review and approval.

Activity 3.1.2. Assess monitoring, analytical and enforcement capacities for new POPs

The technical specialist will gather relevant information and assess the national monitoring, analytical and enforcement capacity with respect to new POPs management. An assessment report will be drafted and submitted to the NSC for review and approval.

Activity 3.1.3. Assess socio-economic implications of new POPs use and reduction

The national expert on socio-economic implications of new POPs use and reduction will gather relevant basic data on these issues, especially on gender dimensions and children. Occupational roles for women and children, especially agricultural and household activities, have an impact on the level of new POPs exposure and thus effects on human health. The assessment will emphazise on management of new POPs pesticides and activities related to the production of u-POPs. Products containing PBDEs (esp. electronic waste) and PFOS will also be assessed using the guidance material (UNEP/POPS/COP.3/INF/8). A draft version of the assessment report will be submitted to the NSC for review and approval.

Output 3.2: Prioritization of new POPs risk reduction options based on criteria, cost and benefit and inventory results completed

Activity 3.2.1. Develop criteria for prioritisation and national-objective setting

The NSC and all relevant stakeholders will develop criteria for prioritizing health and environmental impacts of POPs based on the inventory data, assessment reports and recommendations made by the working groups. These criteria will also take into account socio-economic impacts and the availability of alternative solutions to new POPs. Based on these criteria, priority issues to address the management of new POPs and a set of objectives to guide preliminary country-specific activities relevant to new POPs will be developed.

This step will take into account and adjust, if necessary, POP priority areas outlined in the orginal NIP. The proposed criteria, objectives and priorities will be submitted to the NSC for review and approval.
Activity 3.2.2. Hold national priority validation workshop
A national priority validation workshop for all working group members, national and international experts, the PCU, NSC and relevant stakeholders will be held to validate the criteria, national objectives and priorities established by the NSC. Developing these criteria and priorities will be tailored to the specific requirements for the country needs to draft specific action plans, complete the NIP and endorse it for submission. Following the meeting, the project coordinator will prepare a report, setting out criteria, national objectives and priorities taking into account the comments made by the NSC and participants.
EA Outcome 4: Government endorsement and submission of updated NIP to SC Conference of Parties
Output 4.1: Updated and reviewed NIP drafted
Activity 4.1.1 Formulate specific action plans on new POPs management
With support from international consultants, whenever needed, the project coordinator and the working groups with expertise on the new POPs will formulate action plans for reaching the country's objectives with respect to each of the ten new POPs, with responsibilities assigned and implementing mechanisms well defined. In addition, each section of the original NIP (e.g. country profile, action plans on POPs pesticides and on measures to reduce or eliminate releases from unintentional production) will be reviewed and information will be updated, if necessary.
Drafting of the action plans on new POPs will build on lessons learned from the development of the original NIP. The action plans for the updated NIP will be based on the results of the inventory and priority validation workshop. The action plans will be the main components of the reviewed and updated NIP in order to meet the requirements of eliminating or phasing out POPs under the SC. The following action plans will be developed:
 Activity: institutional and regulatory strengthening measures; Activity: measures to reduce or eliminate releases from intentional production and use; Activity: production, import and export, use, stockpiles and wastes of POPs pesticides (Annex A chemicals); Activity: production, import and export, use, identification, labelling, removal, storage and disposal of industrial POPs (Annex A chemicals); Activity: production, import and export, use, stockpiles and wastes of Annex B chemicals if used in the country; Activity: register for specific exemptions and the continuing need for exemptions (Article 4); Action plan: measures to reduce releases from unintentional production (Article 5); Activity: measures to reduce releases from stockpiles and wastes (Article 6);

 Strategy: identification of stockpiles, articles in use and wastes; Activity: manage stockpiles and appropriate measures for handling and disposal of articles in use;
•Strategy: identification of contaminated sites (Annex A, B and C Chemicals)
and remediation in an environmentally sound manner; •Activity: facilitating or undertaking information exchange and stakeholder
involvement;Activity: public awareness, information and education (Article 10);
Activity: effectiveness evaluation (Article 16);Activity: reporting;
•Activity: research, development and monitoring (Article 11);
•Activity: technical and financial assistance (Articles 12 and 13).
Regarding PBDEs, the action plans should address the need to identify the presence of articles containing these chemicals in the recycling and waste streams and to assess appropriate disposal technologies. The development of action plans for PFOS, its salts, and perfluorooctane sulfonyl fluoride (PFOS-F) should be built on the basic inventory of PFOS uses and acceptable purposes and specific exemptions for the production and use of PFOS for which the country has registered, if any.
In addition special attention will be drawn to the consideration of post-NIP projects which will assist in speeding up implementation of the NIP in the country. Proposed action plans will be costed and funding request packages prepared. These funding packages will establish implementation timetables consistent with the country meeting its obligations under the SC.
Activity 4.1.2. Draft the updated NIP
An international consultant will review and comment on the draft NIP, taking into account the requirements set out in the SC and in the <i>"Interim Guidance for developing a NIP for the Stockholm Convention"</i> . The revised NIP will be submitted to UNIDO and all relevant stakeholders for written comments. The circulation, with the revised draft NIP, of a questionnaire prepared by the independent consultant who reviewed the document will aid this process. Written submissions will be gathered by the project coordinator and be taken into account for the final draft NIP.
Output 4.2. NIP endorsed by the Government and submitted to the SC Conference of Parties
Activity 4.2.1. Hold endorsement workshop for the updated NIP
A one-day endorsement workshop will be held for all relevant governmental bodies and stakeholders to review and endorse the final updated NIP. The workshop will also aim to seek high-level commitment for the successful implementation of the NIP.

	Activity 4.2.2. Endorse and submit the updated NIP to the SC Conference of Parties	
	Reviewed and updated NIP made available to the public	
	The reviewed and updated NIP will be published at the national POPs website for public information.	
	Endorsement and submission of the updated NIP by the Government and transmission to the SC Conference of Parties	
	The NIP shall be incorporated into the national development planning and sustainable development objectives, so it needs to be approved by the government. The government involves the related institutions to undertake activities for the forthcoming NIP implementation. It might also dedicate future financial resources to be used for certain NIP-update implementation activities.	
	The reviewed NIP will be endorsed by the government and submitted to the Secretariat of the SC for transmission to the COP.	
D. DESCRIBE, IF POSSIBLE, THE EXPECTED <u>COST-EFFECTIVENESS</u> OF THE PROJECT:	The EA implementation will be supported by available capacities and expertise existing in Ecuador after initial NIP development. In particular, the former leader of the POPs unit has been identified as potential consultant. To ensure cost-effectiveness, infrastructures at the Ministry of Environment (MAE) and human resources available in Ecuador and abroad will be wisely utilized. Priority will be given to Ecuadorean experts to advance local capacity building. The lesser need for international experts reduces the labor and project travel costs to and within Ecuador. Moreover, project travel costs from Vienna to Quito during low season (March, for instance) are in the range of USD 1,600 to USD 3,100 for air fares, which compares to those for Peru, but are higher than airfares to Mexico or Central American destinations.	
	The budget calculation for Ecuador assessed carefully the cost for national experts that are in the range of (USD 1400 to USD 2400 per month), which is relatively similar to costs in Costa Rica, since according to the World Bank, both countries are upper-middle-income economies (\$4,036 to \$12,475). This situation and the fact that Ecuador has a complex agenda on chemicals since POPs issues have been introduced in its recent Constitution passed by referendum in year 2008, are the main reasons for requesting USD 205,000, a budget that is a little bit larger than those for Central American countries, but certainly smaller than those required for countries like Bolivia, Venezuela or Peru.	
	Finally, the increase in the requested budget as compared to the level initially suggested by the GEF is due to the need of hand-held equipment that will provide much better information during the screening of POP-PBDEs in selected articles, for the NIP and post-NIP projects, which will contribute further to the expected cost-effectiveness of the project now and in the future.	
	Both financial and human resources in UNIDO will be maximized to ensure dissemination of lessons learned and knowledge sharing within the region.	

E. DESCRIBE THE BUDGETED M&E PLAN:	 Day to day monitoring of implementation progress will be the responsibility of the PCU, based on the project's work plan. The PCU will inform UNIDO of any delays or difficulties faced during implementation so that the appropriate support or corrective measures can be adopted in a timely and appropriate manner. Periodic monitoring of implementation progress will also be undertaken by UNIDO. This will allow PCU to troubleshoot any problems pertaining to the project in a timely fashion to ensure smooth implementation of the project activities. Two major technical reviews are planned. The first one will look at the preliminary inventories of POPs, and the other at the draft NIP. UNIDO requires progress reports and final evaluation which will be carried out according to UNIDO's evaluation policy. The progress reports will monitor project implementation; highlight issues requiring decisions and actions, and will present initial lessons learned about project design, implementation and management. The self evaluation would look at the overall performance of the project and its results, assessing project relevance, effectiveness, efficiency and sustainability of 				
	results, including the contribution to capacity development and the achiev global environmental goals. The final evaluation undertaken by UNIDO sl provide recommendations for follow-up activities. Findings of this repo incorporated as recommendations for the design of similar projects. Monitoring and Evaluation Plan Monitoring tool Deadline GEF Budget				
	Monitoring tool	Deaumie	GEF Budget (US\$)		
	Technical				
	Technical review of the updated POPs inventory and assessment reports	6 th project month	2,000		
	Peer review of the updated NIP document	10 th project month	2,000		
	Implementation progress				
	Inception workshop and progress report	3 rd project month	Included in project management cost		
	Submission of validated POPs inventories and project progress report	7 th project month	Included in project management cost		
	Endorsement workshop report and submission of the final NIP to UNIDO	12 th project month	Included in project management cost		
	Technical and progress evaluation	n			
	Terminal evaluation	At project closure	6,000		
	Total cost		10,000		

F. EXPLAIN THE DEVIATIONS	According to the World Bank, Ecuador is an upper-middle-income economy
FROM TYPICAL COST RANGES	(\$4,036 to \$12,475); therefore, labor and other costs are higher compared to
(WHERE APPLICABLE):	those in other countries of the Latin American region.

PART III: APPROVAL/ENDORSEMENT BY GEF OPERATIONAL FOCAL POINT(S) AND GEF AGENCY(IES)

A. RECORD OF ENDORSEMENT OF GEF OPERATIONAL FOCAL POINT(S) ON BEHALF OF THE GOVERNMENT(S): (Please attach the <u>country endorsement letter(s)</u> with this template).

NAME	POSITION	MINISTRY	DATE (Month, day, year)
Mrs. Marcela Aguinaga	Minister of Environment,	THE MINISTRY OF	05/18/2012
Vallejo	GEF Operational Focal	ENVIRONMENT OF	
	Point	ECUADOR	

B. CONVENTION PARTICIPATION

CONVENTION	DATE OF RATIFICATION/ ACCESSION (mm/dd/yy)	NATIONAL FOCAL POINT
UNCBD		
UNFCCC		
UNCCD		
STOCKHOLM CONVENTION	05/07/2004	MINISTRY OF ENVIRONMENT

B. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the standards of the GEF Project Review Criteria for Persistent Organic Pollutants Enabling Activity approval.

Agency Coordinator, Agency name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	E-mail Address
Mr. Dmitri Piskounov, Managing Director PTC, UNIDO GEF Focal Point	S Crum	2012/10/12	<u>Mr. Alfredo</u> Cueva Jacome	0043 1 26026 5228	<u>A.Cueva-</u> Jacome@unido.org

CONSULTANTS TO BE HIRED FOR THE ENABLING ACTIVITY

	\$/	Estimated	
Position Titles	Person Week	Person Weeks	Tasks to be Performed
For EA Management			
Local			
Project Coordinator	465	26	The PC will: (a) liaise with UNIDO for assistance with project implementation, including technical directives for project activities or assistance in identifying and engaging experts; (b) liaise regularly with project team and ensure project team decisions and recommendations are fully incorporated within the project scope; (c) Monitor the progress of the project and the project staff, including administration of the project in conjunction with UNIDO, accounting for the project and the timelines of project implementation; (d) be responsible to transmit the reviewed and updated NIP to the SC COP
Assistant to Project Coordinator	250	18	The Assistant to the PC will: (a) assist with activities related to national coordination and stakeholder consultation; (b) maintain the national POPs website. (c) participate in day-to-day activities related to project implementation and provide assistance to the PC; and, (d) inform the public on project activities.
International			
External Evaluator (to be covered under management and evaluation)	3,000	2	The expert will: (a) carry out terminal evaluation of the project by visiting project sites and interviewing those who are involved in the administration and technical aspects of the project; and (b) prepare a terminal evaluation report.

For Technical Assistance			
Local			
Project Coordinator	465	26	The PC will:(e) work in close consultation with key stakeholders i.e. ministries, government commissions, major private sector associations and NGOs relevant to the project, to ensure the project objectives are met and to raise awareness and provide strategic guidance on POPs issues;(f) ensure that all national stakeholders are identified and are adequately informed of and involved in the project.(g) build-up milestones for building capacities of the institutions responsible for the action plans regarding the new POPs; (h) be fully aware of and familiar with all financial and technical rules, regulations and procedures relevant to the project implementation (both GEF and UNIDO)(i) ensure the implementation of workshops, training and inventories (j) provide expert advice to the Steering Committee when required; (k) be responsible for daily communication with project partners and assigned project work (such as organizing workshops/meetings/training, preparation of background documents); (l) manage the national coordination of the project and project implementation (m)participate in project team and Steering Committee meetings and ensure the preparation of the meeting minutes and day-to-day records of project implementation. (n) assist activities related to stakeholder consultation; (o) maintain the national POPs website and with guidance from the PTS, will inform the public on project activities.

Assistant to Project	250	34	The Assitant to the PC will:
Coordinator			(a) be responsible for daily communication
			with project partners and assigned project
			work (such as organizing workshops /
			meetings /training/ preparation of
			background documents);
			(b) participate in project team and Steering
			Committee meetings, prepare minutes of
			the meetings, and maintain the day-to-day
			records of project implementation.

Project Technical	350	52	The PTS will:
Specialist	220		(a) ensure daily communication with the
1			project coordinator and project partners
			(b) Provide technical advice to the national
			project coordinator, project partners,
			consultants and Steering Committee;
			(c) initiate and support the organization of
			workshops/meetings/training and
			preparation of background documents
			(d) to coordinate, monitor, and supervise
			the activities of consultants and expert
			teams;
			(e) ensure highly technical documents are
			translated into a non-technical language for
			the decision and policy-makers,
			stakeholders, and the broader public. (f) lead the development of project design,
			including preparation of work plans,
			drafting ToRs, contracts, preparation of
			technical specifications for equipment
			purchased, cost estimation, activity
			scheduling, and reporting on the forward
			planning of project activities and budget
			expenditures;
			(g) closely cooperate with the international
			expert in his or her field of expertise and
			provide the international expert with
			necessary local support
			(h) propose candidates for the task teams
			and prepare the ToRs for their positions
			(i) organize and/or provide (with or without
			international technical expert assistance)
			training and guidance to the task teams;
			(j) be responsible for verifying the work for
			the various task teams, ensuring the
			technical validity of their work and
			products; (k) be responsible for compiling the
			products of the task team work and for
			producing the final reports as agreed with
			the NPC;
			(l) be required to prepare and submit all
			progress reports to the NPC, the NSC and UNIDO;
			(m) be responsible to formulate the
			reviewed and updated NIP

T 1	500	22	
Local experts on	500	22	The expert(s) will:
institutional and legal			(a) consult relevant governments officials,
issues			NGOs and stakeholders familiar with new
			POPs and waste issues;
			(b) update the list/database of
			institutions/organizations being engaged in
			original and new POPs management. The
			list should also contain roles and
			responsibilities of related
			institutions/organizations in POPs
			management;
			(c) gather and process relevant data on
			institutional and legal issues;
			(d) prepare a gap analysis of the existing
			legal and institutional framework with
			respect to the implementation of the
			Stockholm Convention;
			(e) update and review the specific action
			plans on institutional and legal issues; and
			(f) recommend a priority list
Local experts on old and	600	26	The expert(s) will:
new POPs pesticides			(a) develop comprehensive work plan for
inventory			reviewing and updating the pesticide
-			inventory;
			(b) develop special inventory forms to
			facilitate the inventory process;
			(c) describe the step-by-step methodology
			for inventory preparation;
			(d) coordinate the process of data
			collection; (e) collect and assess statistical
			data linked with POPs pesticides and
			obsolete POPs pesticides presence in the
			country;
			(f) update original NIP inventories, action
			plans and priotization
			(g) draft new POPs inventories action
			plans and cooperate with the prioritization
			of the relevant POPs chemicals.

Local experts on old and new industrial POPs inventory	600	26	The expert (s) will: (a) develop comprehensive work plan for reviewing and updating the inventories on
			POPs industrial chemicals;
			(b) develop special inventory forms to
			facilitate the inventory process;
			(c) assist the laboratory analysis of the
			collected samples;
			(d) describe the step-by-step methodology
			for inventory definition; (e) coordinate of data collection;
			(f) collect available statistical data linked
			with the new industrial POPs;
			(g) organize regular meetings with the
			workgroup(s) members;
			(h) assess the collected inventory data;
			(i) create the following inventories:
			 Annex A, industrial chemicals
			Annex B chemicals
			(j) develop action plans on:
			- Activity: production, import and
			export, use, identification, labelling,
			storage and disposal of industrial POPs;
			- Activity: production, import and
			export, use, stockpiles and wastes of Annex
			B chemicals, if used in the country;
			- Activity: register for specific
			exemptions and the continuing need for
			exemptions (article 4);
			- Strategy: identification of stockpiles,
			articles in use and wastes.

Local experts on old and new u-POPs inventory	600	26	The expert(s) will: (a) create a plan for estimation of the unintentional POPs releases in the selected media (air, water, land , product, residue); (b) collect information on the national technical infrastructure for POPs analysis, handling, transportation, disposal, monitoring capacity and other relevant technical expertise; (c) create a database of potential sources for new unintentional POPs in the country; (d) develop comprehensive work plans; (e) organize regular meetings with the workgroup members; (f) collect data obtained through emission estimation; (g) create the following POPs inventories: Releases of Annex C chemicals; Overview of technical infrastructure (h) develop action plans on: Action plan: measures to reduce releases from unintentional production (Article 5); Activity: research, development and monitoring (Article 11); Activity: technical and financial assistance (Articles 12 and 13).
Expert on socio-economic assessment	400	10	The expert will: - gather information and should assess socio-economic implications on new POPs use and their health and environmental effects related to new POPs exposure and summarize the findings in a comprehensive report; - emphazise the assessment report on gender dimensions of national new POPs use and reduction, and will elaborate the potential benefits by the reduction of new POPs use and/or the use of new POPs in an environmentally sound manner.

International			
Expert on new POPs management	3,000	5	The expert will: (a) assist in the assessment of national institutional capacities for POPs management, national POPs legislative, regulatory and enforcement capacities, national POPs socio- economic/health/environmental impacts; socio-economic implications of POPs reduction/elimination and POPs monitoring and research and development capacity; (b) provide relevant training and advice to the task teams, and review documents and reports; c) assist in development of criteria for prioritizing POPs and options for POPs reduction and elimination; (d) provide advice on identifying barriers to the phase-out, reduction, remediation and disposal of POPs and actions to remove them, raising awareness and information exchange mechanisms, and capacity-building needed.

Annex B

OPERATIONAL GUIDANCE TO FOCAL AREA ENABLING ACTIVITIES

Biodiversity

- GEF/C.7/Inf.11, June 30, 1997, Revised Operational Criteria for Enabling Activities
- GEF/C.14/11, December 1999, An Interim Assessment of Biodiversity Enabling Activities
- October 2000, *Revised Guidelines for Additional Funding of Biodiversity Enabling Activities (Expedited Procedures)*

Climate Change

- <u>GEF/C.9/Inf.5</u>, February 1997, *Operational Guidelines for Expedited Financing of Initial Communications* <u>from Non-Annex 1 Parties</u>
- October 1999, Guidelines for Expedited Financing of Climate Change Enabling Activities Part II, Expedited Financing for (Interim) Measures for Capacity Building in Priority Areas
- <u>GEF/C.15/Inf.12</u>, April 7, 2000, *Information Note on the Financing of Second National Communications to the UN Framework Convention on Climate Change*
- <u>GEF/C.22/Inf.15/Rev.1</u>, November 30, 2007, *Updated Operational Procedures for the Expedited Financing* of National Communications from Non-Annex 1 Parties

Persistent Organic Pollutants

- <u>GEF/C.17/4</u>, April 6, 2001, *Initial Guidelines for Enabling Activities for the Stockholm Convention on* <u>Persistent Organic Pollutants</u>
- <u>GEF/C.39/Inf.5</u>, October 19, 2010, *Guidelines for Reviewing and Updating the NIP under the Stockholm* <u>Convention on POPs</u>

Land Degradation

• <u>(ICCD/CRIC(5)/Inf.3, December 23, 2005, National Reporting Process of Affected Country Parties:</u> <u>Explanatory Note and Help Guide</u>

National Capacity Self-Assessment (NCSA)

- Operational Guidelines for Expedited Funding of National Self Assessments of Capacity Building Needs, September 2001
- <u>A Guide for Self-Assessment of Country Capacity Needs for Global Environmental Management,</u> September 2001

National Adaptation Plan of Action (NAPA)

• GEF/C.19/Inf.7, May 8, 2002, Notes on GEF Support for National Adaptation Plan of Action,