



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 Pollutants (POPs)		
Country(ies):	Republic of Armenia	GEF Project ID: ¹	
GEF Agency(ies):	UNIDO (select)	GEF Agency Project ID:	100024
Other Executing Partner(s):	Ministry of Nature Protection of the Republic of Armenia	Submission Date:	
GEF Focal Area (s):	Persistent Organic Pollutants	Project Duration (Months)	12
Check if applicable:	NCSA <input type="checkbox"/> NAPA <input type="checkbox"/>	Agency Fee (\$):	13,620

A. EA FRAMEWORK*

EA Objective: The overall objective of the proposed Enabling Activities (EA) is to update and review the National Implementation Plan (NIP), and have it endorsed and submitted by the Government to the Stockholm Convention Conference of Parties (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	TA	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	7,000	20,000
2. Inventories of new POPs and NIP review	TA	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.	66,900	208,000
3. National capacities	TA	Identification of national capacities	3.1. National regulatory and	25,200	64,000

¹ Project ID number will be assigned by GEFSEC.

assessment and priority setting for management of new POPs		for new POPs management and priority setting of new POPs risk reduction options	policy framework and institutional capacities to manage new POPs assessed; 3.2.Prioritization of new POPs risk reduction options based on criteria, cost and benefit and inventory results completed.		
4. NIP formulation, endorsement and submission	TA	Government endorsement and submission of updated NIP to the SC Conference of Parties	4.1.Updated and reviewed NIP drafted; 4.2. NIP endorsed by the Government and submitted to the SC Conference of Parties.	14,750	53,000
	(select)				
	(select)				
	(select)				
	(select)				
	(select)				
5. Impact monitoring and evaluation	TA	Periodic Monitoring and terminal evaluation of project implementation	5.1. Periodic monitoring reports 5.2. Terminal evaluation report	10,000	5,000
Subtotal				123,850	350,000
EA Management Cost²				12,350	60,000
Total EA Cost				136200	410000

^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 Nature Protection of the Republic of Armenia	In-kind	400,000
Others	UNIDO	Grant	10,000
(select)		(select)	
(select)		(select)	
(select)		(select)	
(select)		(select)	
Others		(select)	
(select)		(select)	
Total Co-financing			410,000

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 Grant Resources				0	0	0

D. EA MANAGEMENT COST

Cost Items	Total Estimated Person Weeks/Months	Grant Amount (\$)	Co-financing (\$)	EA Total (\$)
Local consultants*	25.00	11,250	20,000	31,250
International consultants*				0
Office facilities, equipment, vehicles and communications*		600	25,000	25,600
Travel*		500	15,000	15,500
Others**	Specify "Others" (1)			0
	Specify "Others" (2)			0
	Specify "Others" (3)			0
Total		12,350	60,000	72,350

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

***Local consultants: 48weeks 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 co-financing 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 GEF grant and national co-financing contribution. It should be stressed that some of the institutions and companies that will be engaged with the new POPs management are not located close-by Yerevan.

<p>A. ENABLING ACTIVITY BACKGROUND AND CONTEXT (Provide brief information about projects implemented since a country became party to the convention and results achieved):</p>	<p>The Stockholm Convention 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 4th meeting of the Conference of Parties (COP) in May 2009, the Stockholm Convention 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.</p> <p>According to Article 7 of the Convention, 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 Convention entered into force for the country. In compliance to the above, the Republic of Armenia is eligible for GEF funding and ratified the Stockholm Convention on 26th November 2003 and prepared its NIP in 2002-2004 to address the original twelve POPs under the Ministry of Nature Protection (MoNP) of the Republic of Armenia jointly with the United Nations Industrial Development Organization (UNIDO) with financial support from the Global Environment Facility (GEF). The NIP was transmitted to the COP on April 29th 2006. The following priority areas were identified during the NIP development process:</p> <ul style="list-style-type: none"> ● Reduction/elimination of POPs releases into the environment and minimizing POPs impact on human health; ● Up-dating of the National Register on POPs releases in order to facilitate implementation of the Stockholm Convention; ● Disposal / liquidation of stocks of obsolete pesticides regulated by the Stockholm Convention; ● Replacement of PCB-containing oils and their disposal/destruction in environmentally sound manner, preferably using non-combustion technologies; ● Replacement of PCB-containing equipment and its disposal / destruction in environmentally sound manner; ● Application of BAT/BEP principles as background for development of the strategy for future industrial progress; ● Collection of additional data required for evaluation/ranking of contaminated sites and carrying out remediation measures; ● Establishment of POPs Central Analytical Laboratory to perform constant monitoring programmes, analyses and ecological control aimed to solve POPs problems relevant to implementation of the Stockholm Convention; ● Working-out/development of a conception for long-term POPs monitoring aimed to facilitate implementation of the Stockholm Convention; ● Creation of National Inter-Departmental Council on implementation of the Stockholm Convention and carrying-out policy on POPs issues, raising the level of coordination in activity of different Ministries/Agencies involved in POPs-related issues, as well as for efficient information exchange;
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- First-priority solution of the problem of ecologically sound destruction of POPs stocks and prevention of the possible environmental pollution and the impact to human health

Furthermore, Parties are required to review and update their NIPs in a manner specified by a decision of the COP. Among others the addition of chemicals to the Annexes is a factor that leads to the need to review and update the original NIP for a Party. Thus, most Parties to the Convention will have to review, update and submit their NIPs within two years of the date of entry into force of the amendments to the COP (August 2012). The SC was amended at the 5th meeting of the COP (April 2011) to include endosulfan in Annex A, with specific exemptions. Hence, endosulfan will also be covered by the present EA project.

The NIP update process will enable Armenia to establish inventories of products and articles containing new POPs and to identify industrial processes where new POPs are employed or unintentionally produced. The NIP update will build on existing national coordination mechanism and capacities established during the development of the original NIP. The MoNP will remain and strengthened, if necessary, as Executing Agency for the review and update of the NIP. A National Steering Committee (NSC), involving relevant ministries and stakeholders dealing with POPs management, was already established to develop the original NIP, and will be strengthened by involving additional stakeholders and experts on new POPs (e.g. on electronic appliances). The overall project implementation for the proposed EA will follow the same national execution principles as carried out for the original NIP.

Armenia has already experience in conducting inventories and drafting action plans for elimination of pesticides, PCBs, DDT, and unintentionally produced POPs (uP-POPs), thus the new POPs pesticides may be to a large extent be managed similar to original POPs pesticides. However, new approaches are required to manage the industrial POPs chemicals such as brominated diphenyl ethers (BDE) and PFOS, due to their global use in industrial processes, products (especially electronic appliances) and recycling streams. For such chemicals, new inventory analyses such as supply chain, material flow and stakeholder analyses would be required to cope with the challenges of new POPs chemical risks posed by consumer products in use and in the market.

Following the completion of the original NIP, the MoNP has implemented the following project entitled “*Technical assistance for environmentally sustainable management of PCBs and other POPs waste in the Republic of Armenia (2009)*”. This project was carried out by the Department of Hazardous Chemicals and Waste Management, MoNP of the Republic of Armenia in cooperation with the “Waste Research Center”- State-Non-commercial Organization at the MoNP of the Republic of Armenia with the support of UNIDO and GEF as financial body. The rationale of the project were based on the priorities and key objectives of POPs concern in Armenia described in the NIP. The outcome of the project focused on:

- capacity building and strengthening of legislation and institutions;
- environmentally sound management (ESM) of POPs including identification of sites and other environmental media contaminated by PCBs and POPs pesticides;

	<p>(iii) identification and requirements of clean-up of such sites and environmental media; selection of technologies for POPs management and disposal that meet the best available techniques/ best environmental practice (BAT/BEP) requirements of the Stockholm Convention;</p> <p>(iv) enforcement of ban of DDT use (illegal import of DDT); information exchange and stakeholder involvement and public awareness; and information and education; and</p> <p>(v) given the different focus of the study in terms of POPs chemicals and environmental matrices covered, Armenia yet has to build capacity for the monitoring of POPs and POPs releases from industrial and agricultural sources, which will be a priority for the implementation of the proposed project.</p> <p>Building further on these activities and existing national coordinating mechanism, the GEF grant for this Enabling Activity shall equip the MoNP to fulfill its specific obligations under the Stockholm Convention to review, update and submit the NIP to the COP.</p>
<p>B. ENABLING ACTIVITY GOALS, OBJECTIVES, AND ACTIVITIES (The proposal should briefly justify and describe the project framework. 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.)</p>	<p>The overall goal of the proposed Enabling Activity (EA) proposal 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 COP within two years the amendments enter into force.</p> <p>The activities 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 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.</p> <p>The proposed EA project will focus on the attainment of the following outcomes:</p> <ul style="list-style-type: none"> • The updated National Implementation Plan (NIP) endorsed and submitted by the Government to the Stockholm Convention Conference of Parties (COP); and • Participating stakeholders able to manage the additional POPs with newly developed technical skills, expertise and awareness.
<p>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).</p>	<p>EA Outcome 1. Coordination mechanism in place with stakeholders aware of new POPs risks</p> <p>Output 1.1. Project coordination mechanism re-established and working groups formed and contracted</p> <p>Activity 1.1.1. Strengthen national coordination mechanism (to be covered under project management costs and co-financing)</p> <p>The already existing institutional base and national capacity to manage POPs in the MoNP will be maintained and strengthened, if necessary. The Project Coordination Unit (PCU) will consists of the National</p>

Project Coordinator (NPC) 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 and civil society to ensure their active involvement in the execution of the project. All responsibilities, timelines and budget will be spelt out in order to guarantee the fast, safe and accurate execution of the project. Parallel executable activities will be underlined for timely effective implementation of 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 had participated in the original NIP development will also be involved in the NIP review and update process. However, additional stakeholders, representatives and ministries in charge 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 workplan, select working groups, national and international experts and assign responsibilities

The PCU will develop a detailed workplan for the NIP update. It will draw up the assigned responsibilities amongst government departments and selection and nomination of relevant project stakeholders. The NSC will approve the workplan. 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 Terms of References (TORs).

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

- 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 hazardous new POPs chemicals and waste. The results will be summarized in a report.
- 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 (uP-POPs). Each working group will update the existing POPs inventory and conduct new POPs inventory.

	<p>The members of the working groups should be representatives from all relevant institutions and other stakeholders (industry, farmers, waste disposal and recycling etc.).</p> <p>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 expert will be selected and contracted by UNIDO.</p> <p>Output 1.2. Stakeholders and public informed, consulted and aware of new POPs risks and policy implications</p> <p>Activity 1.2.1. Stakeholder consultation (to be covered by PMC and co-financing)</p> <p>The MoNP 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 in 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.</p> <p>The changes made by the SC to almost double the number of chemicals that are 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.</p> <p>Activity 1.2.2. Strategy on public information and awareness of the new POPs and EA project development</p> <p>The SC strongly promotes the involvement of the public in the preparation and implementation of NIP related activities as a major driving force for initiating environmental health improvements. Thus, the communication strategy of the proposed EA project will include activities to timely inform the public on planned activities and achieved results. Special information releases will be prepared and distributed to different public organizations and press media.</p> <p>The national 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.</p> <p>Activity 1.2.3. Hold inception workshop for high-level commitment</p> <p>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 of the steps needed for getting the NIP endorsed and submitted. The workshop will focus on the presentation and discussion of the project</p>
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workplan, planned activities, assigning responsibilities and tasks among all relevant project participants, and timeframe necessary to meet the obligations of the SC. The principal output of the inception workshop is to have the commitment of high level participants at this meeting to endorse the NIP update in a written form.

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

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. Because the NIP has been prepared between 2002-2004 and submitted to the COP in 2006, there is a high potential for reviewing and updating the inventory data on the original POPs (Action Plan 23 of the NIP) as outlined in the activities required to implement priority goals of the NIP (page 89- 96 of the NIP). With this respect, the activity of the NIP update will analyze the effectiveness of the measures that have been put in place since the ratification of the SC and NIP, and (i) the updated and corrected information on PCB-containing oils, PCB-containing equipment and wastes and obsolete POPs pesticides presented in the National POPs Register will be verified (Action Plan 4 and 6), (ii) the database on PCB sources, quantities, presence and concentrations will be reviewed and updated (Action Plan 5, 6, 7 and 8), including the identification of “Hotspots”, (iii) the database on PCDD/PCDF releases into environmental media (surface, water, soil) and the sources thereof will be updated (Action Plan 10, 12), as far as information are already available.

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.

Activity 2.1.2. Hold meeting for the validation of initial POPs inventories

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.

Output 2.2. Inventories of new POPs conducted and validated by 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 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 of the existing national institutional capacities and legislations (component 3) and new POPs inventories. International experts will conduct the training, which will elaborate 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);
- 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 inventories and assessments will focus on

- the review and update all existing national legislation in the fields of the new POPs chemicals and waste management;
- the review and update of the list of existing national legislations in the fields of new POPs chemicals and their wastes as provided in the initial NIP;
- the gap analysis of the reviewed and updated existing legislation in correspondence to their 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;

- The new POPs pesticides, industrial POPs and unintentional POPs related information and will establish a data base concerning their production, import, export, use, stocks, and releases, including stockpiles, contaminated sites as well as new POPs alternatives identifies at the international level in their overall assessment;
- the available infrastructure for their analysis, monitoring and disposal 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 to develop 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 the 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 to develop the following plans in consultation with the

	<p>Relevant authorities, NGOs:</p> <ul style="list-style-type: none"> • 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. <p><u>Local experts on old and new unintentional POPs inventory to:</u></p> <ul style="list-style-type: none"> - 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 for 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: <ul style="list-style-type: none"> • releases of Annex C chemicals; • overview of technical infrastructure. <p>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:</p> <ul style="list-style-type: none"> • 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). <p>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. UNIDO is currently developing the guidelines for updating of NIPs under the SC taking into account the new POPs added to the Convention, which might guide the conduction of inventories.</p> <p>The draft inventory database and assessment reports will be submitted to UNIDO for evaluation and consequent inventory revision, if needed. The revised database and assessment reports will be further submitted to the NSC for approval.</p> <p>Activity 2.2.3. Hold workshop on inventory validation</p> <p>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.</p>
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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 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 already present in the 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 the 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 on new POPs use and reduction

The national expert on socio-economic implications on new POPs use and reduction will gather relevant basic data on socio-economic implications on national new POPs use and reduction. The assessment will especially taking into account gender issues, e.g. women or children dealing and handling new POPs chemicals, and will elaborate the benefits from new POPs use and reduction.

The draft guidance on socio-economic assessment for national implementation plan development and implementation under the SC (UNEP/POPS/COP.3/INF/8 will be used as guidance material. 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 original 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 Armenia needs to draft specific action plans, complete the NIP and endorse the NIP 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 Armenia'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)

	<ul style="list-style-type: none"> • 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) <p>Regarding hexabromodiphenyl ether and heptabromodiphenyl ether and tetrabromodiphenyl ether and pentabromodiphenyl ether, respectively, 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 technology. 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 Armenia has registered.</p> <p>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 Armenia. Proposed action plans will be costed and funding request packages prepared. These funding packages will establish implementation timetables consistent with Armenia meeting its obligations under the Convention.</p> <p>Activity 4.1.2. Draft the updated NIP</p> <p>An international consultant will review and comment on the draft NIP, taking into account the requirements set out in the SC and in the “Interim Guidance for developing a NIP for the SC”. 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 of the final draft NIP.</p> <p>Output 4.2. NIP endorsed by the Government and submitted to the SC Conference of Parties</p> <p>Activity 4.2.1. Hold endorsement workshop for the updated NIP</p> <p>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.</p>
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	<p>Activity 4.2.2. Endorse and submit the updated NIP to the SC Conference of Parties</p> <p><i>Reviewed and updated NIP made available to the public</i></p> <p>The reviewed and updated NIP will be published at the national POPs website for public viewing.</p> <p><i>Endorsement and submission of the updated NIP by the Government and transmission to the SC Conference of Parties</i></p> <p>The NIP shall be incorporated into the national development planning and sustainable development objectives and need to be approved by the Government. The Government obliges the related institutions to undertake activities for the forthcoming NIP implementation. The Government might also dedicate future financial resources to be used for certain NIP update implementation activities.</p> <p>The reviewed NIP will be endorsed by the Government and submitted in English through UNIDO to the Secretariat for transmission to the COP.</p>
<p>D. DESCRIBE, IF POSSIBLE, THE EXPECTED <u>COST-EFFECTIVENESS</u> OF THE PROJECT:</p>	<p>The project aims to build on and utilize available capacities that were established during the development of the initial NIP. These infrastructures and human resources have been maintained and are ready in the country. The intention is to integrate new POPs related management issues into the currently working system. This will also reduce the need for international expertise, thus reduces the costs.</p> <p>Both financial and human resources in UNIDO will be maximized to ensure dissemination of lesson learned and knowledge sharing within the region.</p>
<p>E. DESCRIBE THE BUDGETED M&E PLAN:</p>	<p>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 remedial fashion.</p> <p>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, the other one at the draft NIP.</p> <p>UNIDO requires progress report and final evaluation which will be carried out according to the UNIDOs evaluation policy. The progress reports will monitor the project implementation progress being made towards the achievement of project objectives. This report will focus on the effectiveness, efficiency and timelines of project implementation; highlight issues requiring decisions and actions, and will present initial lessons learned about project design, implementation and management.</p>

	<p>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 achievement of global environmental goals. The final evaluation should also provide recommendations for follow-up activities. It will be undertaken by UNIDO. Findings of this report will be incorporated as recommendations for the design of similar projects.</p> <p>Monitoring and Evaluation Plan</p> <table border="1" data-bbox="740 457 1518 1289"> <thead> <tr> <th data-bbox="740 457 1130 533">Monitoring tool</th> <th data-bbox="1130 457 1313 533">Deadline</th> <th data-bbox="1313 457 1518 533">GEF Budget (US\$)</th> </tr> </thead> <tbody> <tr> <td colspan="3" data-bbox="740 533 1518 579">Technical</td> </tr> <tr> <td data-bbox="740 579 1130 684">Technical review of the updated POPs inventory and assessment reports</td> <td data-bbox="1130 579 1313 684">6th project month</td> <td data-bbox="1313 579 1518 684">2,000</td> </tr> <tr> <td data-bbox="740 684 1130 760">Peer review of the updated NIP document</td> <td data-bbox="1130 684 1313 760">10th project month</td> <td data-bbox="1313 684 1518 760">2,000</td> </tr> <tr> <td colspan="3" data-bbox="740 760 1518 806">Implementation progress</td> </tr> <tr> <td data-bbox="740 806 1130 911">Inception workshop and progress report</td> <td data-bbox="1130 806 1313 911">3rd project month</td> <td data-bbox="1313 806 1518 911">Included in project management cost</td> </tr> <tr> <td data-bbox="740 911 1130 1016">Submission of validated POPs inventories and project progress report</td> <td data-bbox="1130 911 1313 1016">7th project month</td> <td data-bbox="1313 911 1518 1016">Included in project management cost</td> </tr> <tr> <td data-bbox="740 1016 1130 1121">Endorsement workshop report and submission of the final NIP to UNIDO</td> <td data-bbox="1130 1016 1313 1121">12th project month</td> <td data-bbox="1313 1016 1518 1121">Included in project management cost</td> </tr> <tr> <td colspan="3" data-bbox="740 1121 1518 1167">Technical and progress evaluation</td> </tr> <tr> <td data-bbox="740 1167 1130 1243">Terminal evaluation</td> <td data-bbox="1130 1167 1313 1243">At project closure</td> <td data-bbox="1313 1167 1518 1243">6,000</td> </tr> <tr> <td colspan="2" data-bbox="740 1243 1313 1289">Total cost</td> <td data-bbox="1313 1243 1518 1289">10,000</td> </tr> </tbody> </table>	Monitoring tool	Deadline	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			Terminal evaluation	At project closure	6,000	Total cost		10,000
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F. EXPLAIN THE DEVIATIONS FROM TYPICAL COST RANGES (WHERE APPLICABLE):	N/a																																	

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 [country endorsement letter\(s\)](#) with this template).


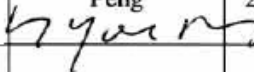
NAME	POSITION	MINISTRY	DATE (Month, day, year)
Mr. Aram Harutyunyan	GEF Operational Focal Point for the Republic of Armenia	THE MINISTRY OF NATURE PROTECTION OF THE REPUBLIC OF ARMENIA	08/08/2011

B. CONVENTION PARTICIPATION

CONVENTION	DATE OF RATIFICATION/ ACCESSION (mm/dd/yy)	NATIONAL FOCAL POINT
UNCBD	05/14/1993	
UNFCCC	04/25/2003	
UNCCD	07/02/1997	
STOCKHOLM CONVENTION	11/26/2003	THE MINISTRY OF NATURE PROTECTION OF THE REPUBLIC OF ARMENIA)

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		12 August 2012	Mr. Zhengyou Peng 	+43 1 26026 3831	Z.peng@unido.org

ANNEX A

CONSULTANTS TO BE HIRED FOR THE ENABLING ACTIVITY

<i>Position Titles</i>	<i>\$/ Person Week</i>	<i>Estimated Person Weeks</i>	<i>Tasks to be Performed</i>
For EA Management			
Local			
Project Coordinator	450	25	<p>The Project Coordinator will:</p> <ul style="list-style-type: none"> - liaise with UNIDO for assistance with project implementation, including technical directives for project activities or assistance in identifying and engaging experts; - liaise regularly with project team and ensure project team decisions and recommendations are fully incorporated within the project scope; - 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; -be responsible to transmit the reviewed and updated NIP to the SC Conference of Parties -be required to prepare and submit all progress reports to the NSC and UNIDO -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; - build-up milestones for building capacities of the institutions responsible for the action plans regarding the new POPs; -provide expert advice to the Steering Committee when required; -manage the national coordination of the project and project implementation
International			
External Evaluator (to be covered under management and evaluation)	3,000	2	<p>The expert will:</p> <ul style="list-style-type: none"> - 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 - prepare a terminal evaluation report.
For Technical Assistance			
Local			

Project Coordinator	450	27	<p>The Project Coordinator will:</p> <ul style="list-style-type: none"> -be responsible to formulate the reviewed and updated NIP; - be responsible for verifying the work for the various task teams, ensuring the technical validity of their work and products; - organize and/or provide (with or without international technical expert assistance) training and guidance to the task teams; - closely cooperate with the international expert in his or her field of expertise and provide the international expert with necessary local support; - ensure highly technical documents are translated into a non-technical language for the decision and policy-makers, stakeholders, and the broader public; - to coordinate, monitor, and supervise the activities of consultants and expert teams; -Provide technical advice to project partners, consultants and Steering Committee.
Assistant to the Project Coordinator	350	44	<p>The APC will:</p> <ul style="list-style-type: none"> - ensure daily communication with the national coordinator and project partners; - ensure that all national stakeholders are identified and are adequately informed of and involved in the project; -ensure the implementation of workshops, training and inventories; -be responsible for daily communication with project partners and assigned project work (such as organizing workshops/meetings/training, preparation of background documents); - participate in project team and Steering Committee meetings and ensure the preparation of the meeting minutes and day-to-day records of project implementation; -assist activities related to stakeholder consultation; -maintain the national POPs website and with guidance from NPM and inform the public on project activities; -be required to prepare and submit all progress reports to the NPM, the NSC and UNIDO; - be responsible for compiling the products of the task team work and for producing the final reports as agreed with the NPM; -propose candidates for the task teams and prepare the terms of references for their positions.

Local experts on institutional and legal issues	400	12	<p>The expert(s) will:</p> <ul style="list-style-type: none"> - consult relevant governments, NGOs and stakeholders familiar with new POPs and waste issues; - 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; - gather and process relevant data on institutional and legal issues; - prepare a gap analysis of the existing legal and institutional framework with respect to the implementation of the SC; - update and review the specific action plans on institutional and legal issues; and - recommend a priority list.
Local experts on old and new POPs pesticides inventory	400	22	<p>The expert (s) will:</p> <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> • Annex A POPs pesticides • Stockpiles, contaminated sites and wastes - develop action plans on <ul style="list-style-type: none"> • 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; <p>Strategy: identification of contaminated sites (Annex A, B and C Chemicals) and remediation in an environmentally sound manner.</p>

Local experts on old and new industrial POPs inventory	400	22	<p>The expert (s) will</p> <ul style="list-style-type: none"> - 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 the 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: <ul style="list-style-type: none"> • Annex A, industrial chemicals • Annex B chemicals - develop action plans on <ul style="list-style-type: none"> • 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.
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Local experts on old and new unintentional POPs inventory	400	22	<p>The expert (s) will:</p> <ul style="list-style-type: none"> - create a plan for estimation of the U-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 for potential sources for new U-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: <ul style="list-style-type: none"> • Releases of Annex C chemicals; • Overview of technical infrastructure - develop action plans on: <ul style="list-style-type: none"> • 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	350	6	<p>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.</p>
International			

Expert on new POPs management	3,000	5	<p>The expert will:</p> <ul style="list-style-type: none"> - 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; - provide relevant training and advice to the task teams and review documents and reports; - assist in development of criteria for prioritizing POPs and options for POPs reduction and elimination; - 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, necessary capacity-building activities technology and know-how transfer needs and estimation of investment costs; - lead the work related to identification of NIP targets, timeframes and indicators; - conduct the initial cost estimate for NIP execution.

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

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

Persistent Organic Pollutants

- [GEF/C.17/4, April 6, 2001, Initial Guidelines for Enabling Activities for the Stockholm Convention on Persistent Organic Pollutants](#)
- [GEF/C.39/Inf.5, October 19, 2010, Guidelines for Reviewing and Updating the NIP under the Stockholm Convention on POPs](#)

Land Degradation

- [\(ICCD/CRIC\(5\)/Inf.3, December 23, 2005, National Reporting Process of Affected Country Parties: Explanatory Note and Help Guide](#)

National Capacity Self-Assessment (NCSA)

- [Operational Guidelines for Expedited Funding of National Self Assessments of Capacity Building Needs, September 2001](#)
- [A Guide for Self-Assessment of Country Capacity Needs for Global Environmental Management, 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,](#)