



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: 02/11/2013

GEF PROJECT ID: 5052

GEF AGENCY PROJECT ID: 5073

COUNTRY(IES): Indonesia

PROJECT TITLE: Reducing Releases Of Polybromodiphenyl Ethers (Pbde) And Unintentional Persistent Organic Pollutants (Upop) Originating From Unsound Waste Management And Recycling Practices And The Manufacturing Of Plastics In Indonesia

GEF AGENCY(IES): UNDP, (select), (select)

GEF FOCAL AREA(s): Persistent Organic Pollutants

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	05/01/2013
Completion date of PPG	02/28/2014

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications:

The proposed project aims to reduce releases of PBDEs and UPOPs into the global environment by reducing (and preferably eliminating) the use of PBDEs in Indonesia's plastics manufacturing sector and by improving plastics recycling and disposal practices (with a particular focus on PBDE containing plastics). It also aims to improve the life cycle management of (PBDE-containing) plastics and result in diverting plastics from becoming waste by creating a sustainable raw material chain for the plastics and plastics recycling industry, while identifying sustainable solutions for plastic waste fractions that currently are deemed unrecyclable or hazardous. The project design to accomplish this involves development of detailed scope definition and implementation plans for the four components of project described in the PIF and as summarized below:

Component 1. Strengthening the national policies and regulatory framework to reduce PBDEs and UPOPs releases from plastic manufacturing, recycling, and disposal

The GoI will support the creation of an enabling environment:

for Plastic manufacturers to phase-out PBDEs and adopt safer alternatives by supporting the introduction of max. PBDEs content standards and revising the regulatory and policy framework pertaining to the import of PBDEs.

for Plastic recycling industry to adopt BAT/BEP in plastics recycling by improving the policy and regulatory framework for PBDEs-waste management, implementing technical by-laws, regulations and guidance aiming to reduce UPOPs/PBDEs releases from disposal practices and plastics recycling and removing barriers to the implementation of BAT/BEP through e.g. the institution of economic instruments and incentives.

for Plastic disposal entities to assess existing as well as feasible PBDE disposal options (e.g. incineration, hazardous landfill sites) and support the selection, based on cost-assessments and EIAs, of options for disposal. In addition it will support the implementation of technical by-laws, regulations and guidance aiming to reduce UPOPs/PBDEs releases from solid waste management disposal practices as well as revise the regulatory and policy framework pertaining to the import of PBDEs containing wastes.

Component 2. Reduce or eliminate the importation and use of PBDEs in plastics manufacturing
In partnership with APHINDO (association of downstream plastics industries) the private sector – in particular the two (2) plastics manufacturers, will provide the necessary financial resources/information to inform the PBDE inventory, review the production process to inform the selection of safer alternatives or product redesign as well as provide in-kind and cash contributions to put in place BEP and other preparations at company level to adopt PBDE alternatives and accept BAT technologies.

Component 3. Reduciton of UOPs and PBDEs released form unsound plastic recycling
The formal and informal plastics recycling entities – in particular the eight (8) large and medium scale recyclers, will provide the necessary financial resources (in-kind in the case of formal recyclers)/information to inform the PBDE inventory and allow for necessary preparations at company level to introduce BEP/BAT adhering technologies for bulk plastic sorting, processing and recycling. In addition, recycling entities will play a key role in informing project approaches to improve supply chains and PBDE waste re-collection systems. Finally, recycling entities will provide the necessary support to enforce safe working conditions and implement BEP/BAT to reduce releases of UOPs/PBDEs at facility level.

Component 4. Reducing releases of UOPs and PBDEs form unsound plastic disposals practices
Local Government/Local Municipalities will support the baseline/inventory on current and projected releases of UOPs and PBDEs in their respective municipalities as well as support an assessment of existing and/or feasible PBDE disposal options within their jurisdictions in order to select PBDE disposal options. In close consultation with plastics recycling entities municipalities will support the implementation of appropriate collection schemes, feasible logistical arrangements, including proper waste acceptance and outbound material criteria. Finally, municipalities will work with staff working at disposal point on safe working conditions/personal protection and BEP implementation.

The main objective of the 10-month-PPG activities is to refine project outcomes and outputs as well as the workplan and budget for each of the four components above, and to ensure a prepared Full size project (FSP) document (prodoc) through a series of required process for the approval of funding support from GEF in full conformity with GEF and UNDP policies and programme guidelines. The preparatory phase will include the achievements of these following activity results and planned activities:

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Activity 1: Establish coordination mechanisms for PPG management and organization	1.1. Support services for the implementation of PPG activities, including operational and administrative supports, office space and equipment provided 1.2 Consultants to implement PPG activities recruited 1.3. Working groups to implement, monitor and review PPG	GEF TF	20000	40000	60000

	<p>activities established</p> <p>1.4. Inception workshop to introduce the FSP project objectives, expected outputs and outcomes to all key stakeholders organized</p> <p>1.5. Consultative working group/ technical meetings undertaken</p> <p>1.6. Identified the stakeholders' role and function in the process of PPG, FSP project implementation, monitoring and evaluation</p> <p>1.7. Identified and assured the stakeholders' commitment in PPG as well as FSP implementation and co-financing.</p>				
Activity 2: Data collection and information and analysis for project document preparation	<p>3.1. Data/information on the policy/ institutional frameworks established by the Government of Indonesia (laws, government regulations/ presidential decree, ministerial decree, etc) to control direct and/or indirect impacts of PBDEs and UOPs collected and reviewed</p> <p>3.2. Data/information on import, distribution, stockpile and export of products that may contain PBDEs collected</p> <p>3.3 Common domestic practices for plastic manufacturing, recycling and disposal</p>	GEF TF	60000	120000	180000

	<p>processes, their technologies and potential impacts to health and environment identified</p> <p>3.4. Survey questionnaires and relevant tools for baseline assessment of plastic recycling and and disposal prepared and conducted.</p> <p>3.5. Relevant sources of PBDEs and UOPs classified</p> <p>3.6. Feasible BAT/BEP and safer alternatives to PBDEs evaluated and the needs for their introduction identified</p> <p>3.7. Selection criteria for pilot demonstration sites identified</p> <p>3.8 Pilot sites selected in consultation with key stakeholders</p> <p>3.9 Gaps for project formulation and preparation of plan of action identified</p>				
Activity 3: Develop a Full-Size Project (FSP) document (prodoc)	<p>4.1. FSP document including logical framework and project workplan and budget according to GEF requirements and UNDP guidelines prepared</p> <p>4.2 Final stakeholder consultation workshops undertaken and project preparation materials required for national endorsement delivered</p>	GEF TF	20000	40000	60000
		GEF TF			0
		(select)			0
		(select)			0
		(select)			0

		(select)			0
		(select)			0
		(select)			0
		(select)			0
		(select)			0
Total Project Preparation Financing			100000	200000	300000

C. FINANCING PLAN SUMMARY FOR PROJECT PREPARATION GRANT: (\$)

	Project Preparation	Agency Fee
Grant Amount	100,000	9500
Co-financing	200,000	
Total	300000	9500

D. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES)¹

Trust Fund	GEF Agency	Focal Area	Country Name/ Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
(select)	(select)	(select)				0
Total PPG Amount				0	0	0

¹ No need to provide information for this table if it is a single focal area, single country and single GEF Agency project.

E. PPG BUDGET


Cost Items	Total Estimated Person Weeks for Grant (PW)	Grant Amount (\$)	Co-financing (\$)	Total(\$)
Local consultants *	60	51000	130000	181000
International consultants*	8	24000		24000
Travel		5000	20000	25000
Meetings and workshops		20000	30000	50000
Documentation requirements including production, translation and reproduction			10000	10000

Office space			10000	10000
Total PPG Budget		100000	200000	300000

* Annex A for Consultant cost details should be prepared first before completing this table. See notes on Annex A for the required detailed information. This table is the sum of all local and international consultants presented in Annex A.

F. GEF AGENCY(IES) CERTIFICATION

This request has been prepared in accordance with GEF policies and procedures and meets the GEF LDCF/SCCF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date (Month, day, year)	Project Contact Person	Telephone	E-mail Address
Adriana Dinu, Officer in Charge UNDP/GEF		02/11/2013	Dr. Suely Carvalho GEF Principal Technical Advisor for POPs/Ozone UNDP/MPU/Chemicals	212-906- 6687	suely.carvalho@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/ Person Week¹	Estimated PWs²	Tasks to be Performed
Local	Technical Expert On Pbdes And Upops Policy And Regulations	850	12	In close cooperation with UNDP and other experts, 1. Provide technical assistance for preparation of "Project component 1. Policy and regulations to reduce PBDEs and UPOPs from plastic manufacturing, recycling and disposal" 2. Review national policy and regulatory framework for PBDEs and UPOPs regarding plastics industry/ processing that consume PBDEs and release UPOPs and identify the gaps 3. Prepare technical documents for national baseline study on PBDEs and UPOPs policy and regulations. 4. Provide technical recommendations in line with the government priorities and proposed project, especially relevant to introduction of BAT/BEP in plastic manufacturing, recycling and disposal
Local	Technical Expert On Plastic Manufacturing	850	16	In close cooperation with UNDP and other experts, 1. Provide technical assistance for preparation of "Project component 2. Reduce or eliminate the importation and use of PBDEs in plastic manufacturing" 2. Review national guidelines regarding the plastics industry/ process that consume PBDEs and release UPOPs 3. Design survey tools and questionnaires that facilitate the inventory of plastic industry/ processing 4. Prepare technical documents for national baseline study on PBDEs and UPOPs in plastic manufacturing 5. Provide technical recommendations in line with the government priorities and proposed project, especially relevant to safer alternatives and BAT/BEP in plastic manufacturing
Local	Technical Expert On Plastic Recycling	850	16	In close cooperation with UNDP and other experts, 1. Provide technical assistance for preparation of "Project component 3.

				<p>Reduce PBDEs and UPOPs releases from plastic recycling"</p> <p>2. Review national guidelines regarding plastic recycling</p> <p>3. Design survey tools and questionnaires that facilitate the inventory of PBDEs and UPOPs released in plastic recycling</p> <p>4. Prepare technical documents for national baseline study on PBDEs and UPOPs in plastic recycling</p> <p>5. Provide technical recommendations in line with the government priorities and proposed project, especially relevant to BAT/BEP in plastic recycling</p>
Local	Technical Expert On Plastic Disposal	850	16	<p>In close cooperation with UNDP and other experts,</p> <p>1. Provide technical assistance for preparation of "Project component 4. Reduce releases of PBDEs and UPOPs from plastic disposal"</p> <p>2. Review national guidelines regarding plastic disposal</p> <p>3. Design survey tools and questionnaires that facilitate the inventory of PBDEs and UPOPs released in plastic disposal</p> <p>4. Prepare technical documents for national baseline study on PBDEs and UPOPs in plastic disposal</p> <p>5. Provide technical recommendations in line with the government priorities and proposed project, especially relevant to BAT/BEP in plastic disposal</p>
International	Technical Expertl	3000	8	<p>In close cooperation with UNDP and other experts,</p> <p>1. With inputs from technical experts and working groups, design the workplan, budget and logical framework of the project</p> <p>2. Assist technical experts in the review and structuring of collected data and methodologies for development of key outputs</p> <p>3. Review technical inputs submitted by national technical experts and incorporate them into the FSP</p> <p>4. Adviese options for financial mechanism to enhance co-financing as required</p> <p>5. Assist in preparation of a Full-Size Project (FSP) document and UNDP Prodoc in compliance with GEF requirements and UNDP guidelines</p>

				6. Support UNDP and other experts for GEF review response and finalization of FSP submission as required.
(Select)				
(Select)				
(Select)				

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task