



PROJECT PREPARATION GRANT (PPG)

PROJECT TYPE: Medium-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

Submission date: 06/12/2012

GEF PROJECT ID: 4998

GEF AGENCY PROJECT ID: 5084

COUNTRY(IES): Uruguay

PROJECT TITLE: Environmental Sound Life-Cycle Management Of Mercury Containing Products And Their Wastes

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

GEF FOCAL AREA(S): Persistent Organic Pollutants

A. PROJECT PREPARATION TIMEFRAME

Start date of PPG	09/01/2012
Completion date of PPG	02/28/2013

B. PROPOSED PROJECT PREPARATION ACTIVITIES (\$)

Describe the PPG activities and justifications:

The proposed project for Uruguay seeks to protect human health and the environment from Mercury releases originating from the intentional use of mercury in products and the unsound management and disposal of such products, by:

- A. Strengthening the regulatory and policy framework for the sound LCM of mercury containing products and their wastes.
- B. Phasing-out and phasing-down mercury containing devices and products by introducing mercury-free alternatives or products with a lower Mercury content.
- C. Improving national capacity (technical, financial, private sector) to make LCM of Mercury containing products technically and economically feasible.

I. The proposed project will consist of the following components:

- 1. Strengthen the regulatory and policy framework to allow for life-cycle management of mercury containing products and their wastes.
- 2. Development of environmentally sound schemes and business models for the collection, treatment and disposal of mercury wastes.
- 3. Strengthening technical capacity and infrastructure for the pre-treatment, decontamination and storage (medium – and long- term) of Mercury containing wastes.
- 4. Strengthening national and regional awareness on the Sound Life-Cycle Management of Mercury containing products as well as associated health hazards resulting from mismanagement.
- 5. Monitoring, learning, adaptive feedback, and evaluation.

II. The PPG phase will be necessary to refine project objectives, outcomes, and outputs as well as the work plan and budget for each of the five project components. PPG grants will be applied to finance discussions, meetings, assessments and assistance provided/undertaken by local and international consultants, in order to improve baseline scenario mapping, cost-effectiveness and the global benefits of the project, secure co-financing resources for each of the project components and finalize the project's scoping and definition

In specific, the PPG activities envisaged are the following:

1. Definition of needs and strategies for improvements to the regulatory and policy framework, including enforcement, in relation to the Life-Cycle Management of Mercury containing products

Taking advantage of previous analyses carried out within the scope of the National Inventory on Mercury Emissions [2011] and the project on "Capacity Building for the Development of Legal and Institutional Infrastructure and Economic Instruments related to the Sound Management in Chemicals", PPG resources will be used to develop specific recommendations for regulatory and policy instruments that would need to be developed or revised in order to ensure the achievement of the objectives as envisioned under the project, in combination with strategies for achieving the development/revision of such instruments in collaboration with relevant institutional stakeholders.

2. Definition of needs and strategies to develop environmentally sound schemes and business models for the collection, treatment and disposal of Mercury wastes.

Building upon the National Inventory on Mercury Emissions [2011], PPG funds will finance the establishment of an accurate baseline for the project's priority sectors, model facilities (~20) will be pre-selected and rapid assessments at these facilities will further inform the baseline.

In addition, institutional capacity needs which at present prevent the environmentally sound LCM of Mercury containing products at such facilities will be identified. In parallel, a preliminary assessment of the capacity of private sector operators pertaining to the LCM of mercury containing products (encompassing the collection, packaging, labelling, off-site transport, awareness, disposal, etc.), including the identification of structural and operational capacity as well as other barriers and needs confronted by the private sector, will be undertaken. A detailed capacity building strategy, proposing technical assistance interventions based on facility/operator types and their specific needs will be defined.

Finally, PPG funds will be applied to undertake a rapid assessment to identify potential business models and cost recovery arrangements (CRA) for the collection, transport, temporary storage and treatment of different types of Hg wastes. A strategy to develop and implement financially sustainable business models and CRAs will be developed.

3. Definition of technical assistance and infrastructure needs and strategies to strengthen technical capacity and infrastructure for the intermediate storage, pre-treatment and decontamination of Mercury containing wastes.

Building on prior conducted technical capacity analyses and resulting recommendations pertaining to storage, decontamination and treatment undertaken as part of the National Inventory on Mercury Emissions [2011], as well as other Mercury related projects implemented in Uruguay, PPG funds will be used to carry out a detailed assessment of the site to host the storage/treatment facility as well as the facility's current human resource capacity to manage future technologies to be installed there. This assessment will make recommendations for outstanding infrastructure and upgrading requirements, staff and training needs and site specifications that would need to be met to meet project objectives. Recommendations will inform the definition of a detailed strategy for technical assistance to improve capacity and infrastructure for the intermediate storage, pre-treatment and decontamination of Mercury containing wastes during the project's

implementation.

4. Development of a national and regional awareness strategy related to LCM of Mercury containing products and health hazards as a result of mismanagement.

PPG funds will be applied for the development of a communications/result-dissemination plan/strategy for inclusion in the project document, with the objective to i) create awareness creation on LCM of Mercury containing products among project stakeholders and the general public and ii) ensure the dissemination of lessons-learned and best practices at national, regional and global level (in partnership with BCCC LAC) to empower entities to implement best practices and appropriate technologies beyond the project's direct beneficiaries.

In addition, PPG funds will also be allocated to identify the needs of entities responsible for the adequate and continuous monitoring of mercury levels in workers and population groups at risk to ensure their safeguarding, to improve awareness raising (Component 4) as well as the safe operation of the treatment facility (Component 3). A strategy to increase monitoring capacity will be developed.

5. Development of M&E Strategy

The PPG will finance the definition of procedures and indicators for monitoring stocks of Mercury as well as their impacts on human health and the environment. Particular attention will be paid to the identification of capacity building needs, in order to ensure that monitoring procedures are applied on a permanent basis which at the same time is responsive to changing needs and threats; and to the definition of objectively verifiable and practical indicators which are relevant to the outcomes and objectives of the project and of the National Implementation Plan.

6. Project Co-finance scheme Project definition

The PPG activities will include reaching out to project stakeholders, including the identification of main stakeholders and initiation of cooperation at the national level with project implementing partners (government ministries and entities, private sector, universities, NGOs, etc.), with the aim to establish partnerships for effective MSP implementation and leveraging of co-finance resources. Activities will include meetings and other contacts with the objective to assist project stakeholders in determining their participation, roles and responsibilities, and co-financing needs. Procurement of Letters of Intent to participate in and/or provide co-financing for the project from government ministries and entities, private sector project partners, universities, NGOs, healthcare facilities, model entities, etc. will be obtained.

III. Project Scoping and Definition

The PPG will finance the definition of the details of practical and administrative aspects of project design, allowing the formulation of a Project Document, including: i) barrier analyses, based on consultant reports and a multi-stakeholder workshop; ii) a logical framework, based on a multi-stakeholder workshop and the recommendations of consultancy studies, including indicators and quantified targets, together with baseline values supplied by thematic consultants; iii) a participation strategy, iv) an analysis of the programmatic baseline; v) a project budget and work plan in standard UNDP and GEF format; vi) a monitoring and evaluation strategy; vii) a learning and replication strategy and viii) text and supportive technical analyses detailing the justification and strategies of the project.

All tasks would be limited to what is absolutely necessary for the preparation of the MSP

List of Proposed Project Preparation Activities	Output of the PPG Activities	Trust Fund	Grant Amount (a)	Co-financing (b)	Total c = a + b
Definition of needs and strategies for improvements to the regulatory and policy framework.	Regulatory and legal improvement strategy.	GEF TF	6000	10,000	16,000
Definition of needs and strategies to develop environmentally sound schemes and business models for the collection, treatment and disposal of Mercury wastes.	<ul style="list-style-type: none"> - Refined Mercury baseline. - Pre-selection and rapid assessment of model facilities (~20). - Strategy for (institutional) capacity building of model facilities, private sector operators and gov. entities in LCM of Hg containing products. - Strategy to develop and implement financially sustainable business models and CRAs. 	GEF TF	8000	12000	20000
Definition of technical assistance and infrastructure needs and strategies to strengthen technical capacity and infrastructure for the intermediate storage, pre-treatment and decontamination of Mercury containing wastes.	- Strategy to improve capacity and infrastructure for the intermediate storage, pre-treatment and decontamination of Mercury containing wastes.	GEF TF	10000	15,000	25,000
Development of a national and regional awareness strategy.	<ul style="list-style-type: none"> - National and regional awareness strategy. - Strategy to increase national Hg monitoring capacity. 	GEF TF	2000	3,000	5,000
Development of M&E Strategy.	- M&E plan for MSP.	GEF TF	2000	10,000	12,000
Co-finance Scheme & Project Scoping and Definition	<ul style="list-style-type: none"> - Co-finance commitments. - Project Documentation. 	GEF TF	7000	10,000	17,000
		(select)			0

* 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 LDCE/SCCF Trust Fund criteria for project identification and preparation.

Agency Coordinator, Agency Name	Signature	Date <i>(Month, day, year)</i>	Project Contact Person	Telephone	Email Address
Yannick Glemarec		6/12/2012	Dr. Suely Carvalho, GEF Principal Technical Advisor for POPs/Ozone UNDP/MPU/Chemicals	1-212- 906 6687	Suely.carvalho@undp.org

Annex A

Consultants Financed by the Project Preparation Grant (PPG)

Type of Consultant	Position / Titles	\$/ Person Week ¹	Estimated PWs ²	Tasks to be Performed
Local	Legal Expert	800	4	<p>Taking advantage of previous analyses carried out pertaining to regulatory and policy instruments linked to Hg containing products and their wastes:</p> <ol style="list-style-type: none"> 1. Undertake a detailed assessment of regulatory and policy instruments in place, identify gaps and needs. 2. Develop specific recommendations for regulatory and policy instruments that need to be developed or revised. 3. In close collaboration with the Mercury expert, assess the legal requirements for CRA recommendations and sustainable business models. 4. Define strategies for the development and/or revision of regulatory and policy frameworks related to the LCM of Hg containing products. <p>Tasks would be limited to what is absolutely necessary for the preparation of the MSP.</p>
Local	Mercury Expert	800	12	<p>Building on the data collected throughout previous Hg-related initiatives:</p> <ol style="list-style-type: none"> 1. Refine the Mercury baseline. 2. Assist the International consultant (IC) in the pre-selection and rapid assessment of model facilities (~20) and incorporate additional information in the Mercury baseline. 3. In coordination with the IC, provide technical support to the national experts during their research, data collection and preliminary assessments in relation to mercury. 4. In coordination with the IC, review data and assessments and provide guidance on data and assessment gaps in relation to mercury. 5. Assess the (institutional) capacity of the government, pre-selected model facilities pertaining to

				<p>LCM of Hg containing products.</p> <p>6. Assess the capacity of private sector operators pertaining to the LCM of mercury containing products (encompassing the collection, packaging, labelling, off-site transport, awareness, disposal, etc.), including the identification of structural and operational capacity as well as other barriers and needs confronted by the private sector.</p> <p>7. In collaboration with the IC develop a strategy for (institutional) capacity building of model facilities, private sector operators and gov. entities in LCM of Hg containing products.</p> <p>8. In close collaboration with the legal expert, assess the requirements for Cost Recovery Arrangements (CRAs), and make recommendations for sustainable business models.</p> <p>9. In close collaboration with the legal expert, develop a strategy for the development and implementation financially sustainable business models and CRAs.</p> <p>10. Carry out a detailed assessment of the site anticipated to host the storage/treatment facility as well as the facility's current human resource capacity to manage future technologies to be installed there.</p> <p>11. In close collaboration with the IC, develop a strategy to improve human capacity and infrastructure requirements for the intermediate storage, pre-treatment and decontamination of Mercury containing wastes.</p> <p>12. Pre-assess commercially available technologies conform national needs and Basel Convention guidelines in order to prepare preliminary cost-estimates for the purpose of project budgetting.</p> <p>13. Assist the IC in consolidating the technical data and in drafting the Project Document for the FSP.</p> <p>Tasks would be limited to what is absolutely necessary for the preparation of the MSP.</p>
Local	Health & Monitoring Expert	800	9	Building on the data collected throughout previous Hg-related

				<p>initiatives:</p> <ol style="list-style-type: none"> 1. Support the Mercury expert and the IC in the pre-selection and rapid assessment of model facilities (~20), with a particular focus on facilities in the health-care sector (dentists, hospitals, health centers, etc.). 2. Support the Mercury expert in the assessment of the (institutional) capacity of the pre-selected model facilities in the health-care sector. 3. Assess the capacity and needs of government and private sector entities responsible for the adequate and continuous monitoring of mercury levels in workers and population groups at risk to ensure their safeguarding. 4. Develop a strategy to increase national Hg monitoring capacity, including: <ul style="list-style-type: none"> - Definition of mechanisms, capacities and procedures required for ensuring the monitoring of Hg products, wastes and emissions as well as their impacts on human health and the environment. - Indication of critical areas and institutions in which capacity is required for the effective implementation of the monitoring system.
International	Environmental Specialist	3000	4	<ol style="list-style-type: none"> 1. Project Scoping and definition, including the development of a detailed plan and timeline for PPG activities. 2. Review and structure existing data and methodologies for development of key outputs; Compile data from the national experts, review the data and provide guidance to national experts on identified data and assessment gaps. 3. Establish and maintain partnerships with key Government counterparts, international organizations, implementing partners and other stakeholders and project participants. 4. Ensure stakeholder consultations on the project's design and activities at national level. 5. Provide guidance to negotiations and leveraging of co-

				<p>finance resources following UNDP and GEF guidance.</p> <p>6. Define indicators for baseline studies as well as indicators upon which the monitoring and evaluation strategy for the project will be based.</p> <p>7. Deliver overall guidance to PPG team in relation to GEF requirements.</p> <p>8. Assess gender issues related to improper Hg waste management;</p> <p>9. Ensure proposed project activities are in line with current GEF strategies and priorities.</p> <p>10. Develop the final project framework in consultation with stakeholders.</p> <p>11. Formulate detailed incremental cost matrices.</p> <p>12. Final review and definition of strategic work plan, and cost-efficiency analysis.</p> <p>13. With the assistance of the implementing agency (UNDP), lead the project design and formulation of the Medium Size Project Document including baseline, logical framework, costs and M&E system.</p>
(Select)				

¹ Provide dollar amount per person week.

² Provide person weeks needed to carry out the task