



Basel Convention Coordinating Centre  
Stockholm Convention Regional Centre  
URUGUAY



Ministerio de Vivienda  
Ordenamiento Territorial  
y Medio Ambiente

**MVOTMA**

# Basel and Stockholm Convention Centres

Regional Training in Hazardous Waste  
September 30 – October 2, 2014  
San José, Costa Rica



**RED de CENTROS**

Convenio de Basilea  
Latinoamérica & Caribe

Convenio de Estocolmo

**NETWORK of CENTRES**

Basel Convention  
Latin America & the Caribbean

Stockholm Convention

# Basel Centres

## Art. 14. Financial Aspects

- 1) The Parties agree that, according to the specific needs of different regions and subregions, regional or sub-regional centres for training and technology transfers regarding the management of hazardous wastes and other wastes and the minimization of their generation should be established. (Funding of a voluntary nature by the Parties).

# Stockholm Centres

## Art. 12. Technical Assistance

4) The Parties shall establish, as appropriate, arrangements for the purpose of providing technical assistance and promoting the transfer of technology (...). These arrangements shall include regional and subregional centres (...) to assist developing country Parties and Parties with economies in transition to fulfil their obligations under this Convention.

# Centres

They were created to address regional needs.

Their assignments include:

- Training.
- Disseminating information.
- Consulting.
- Raising awareness.
- Technology transfer on matters relevant to the implementation of the Conventions.
- Specific tasks include: conducting workshops, seminars, developing pilot projects, information material and guidelines.
- They are funded by their host countries, through projects and voluntary contributions from Parties.

# Uruguay

Basel Convention Coordinating Centre for Training and Technology Transfer for Latin America and the Caribbean Region

Stockholm Convention Regional Centre for Latin America and the Caribbean Region



# Uruguay

The **Basel Convention Coordinating Centre for Latin America and the Caribbean Region (BCCC)**, in Uruguay, has been operational since 1998 and is hosted by the Technological Laboratory of Uruguay ([LATU](#)), by agreement with the Ministry of Housing, Land Use and Environment ([MVOTMA](#)).

It coordinates a Network of Basel Convention Regional Centres including: the [Basel Convention Regional Centre for the South American Region](#) (Argentina), the [Basel Convention Regional Centre for Central America and Mexico](#) (El Salvador) and the Basel Convention Regional Centre for the Caribbean Region (Trinidad and Tobago).

# Uruguay

The BCCC was endorsed by the 4<sup>th</sup> COP of the Stockholm Convention as a **Regional Centre of the Stockholm Convention for Capacity Building and Technology Transfer for the GRULAC region**, and together with the Regional Centres of [CETESB](#) (Brazil), [CENICA](#) (Mexico) and [CIIMET](#) (Panama), they form a network for information exchange, cooperation and mutual coordination.

# Centre's Vision

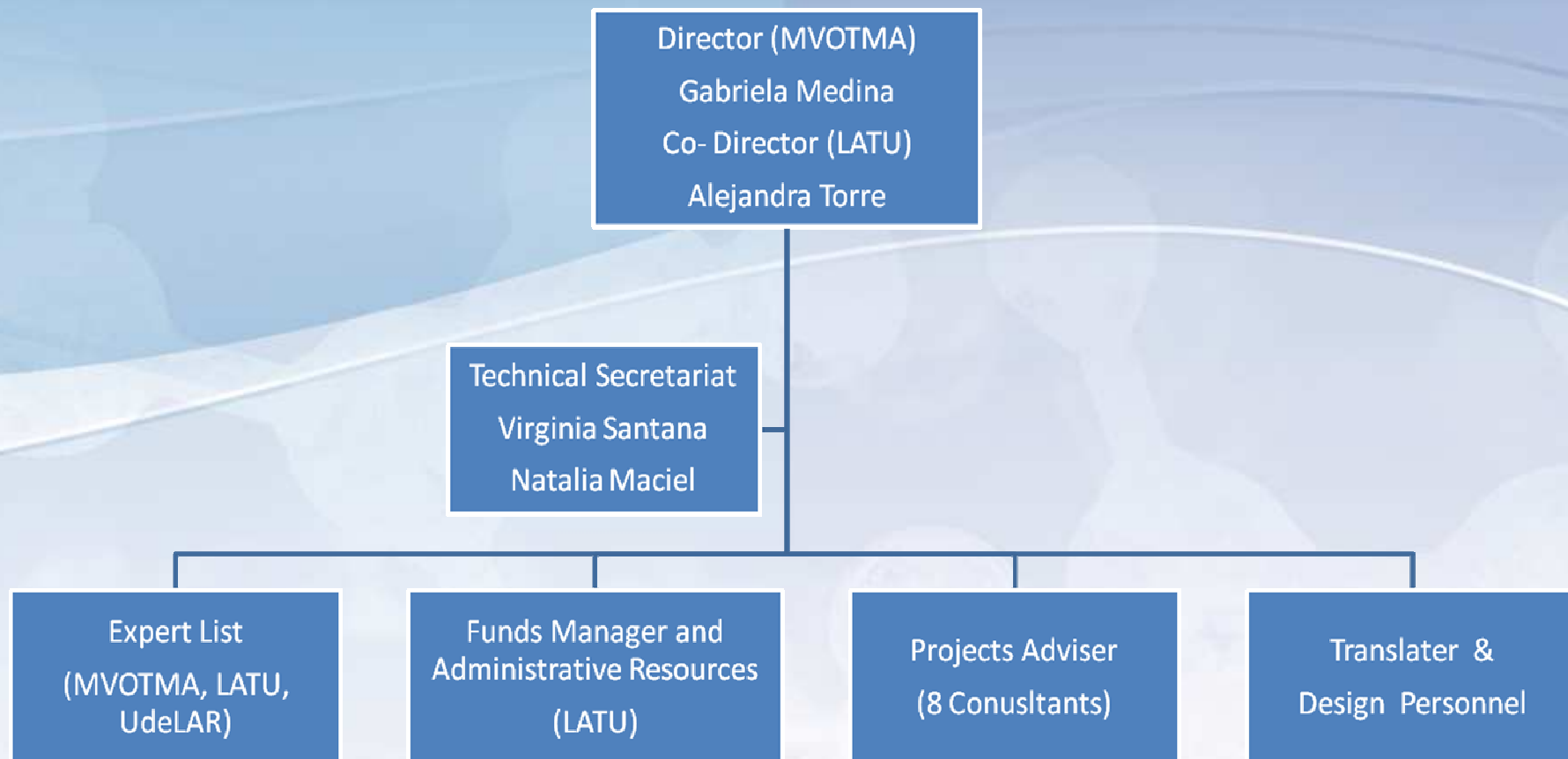
To consolidate itself, together with the Regional Centres, in a network of leader institutions, in order to assist GRULAC countries through a process of regional cooperation and coordination which allows capacity building and strengthening, and specialization for the implementation of the Basel and Stockholm Conventions.



# Centre's Mission

- To strengthen national and regional capacities in GRULAC countries for the implementation of the Basel, Stockholm and Rotterdam Conventions, as well as of other forums, by training key stakeholders in the integrated and environmentally sound management of hazardous substances and wastes, in the development and dissemination of specialized information, and in the implementation of projects in coordination with the Regional Centres or complementary to these, within a framework of sustainable development.
- To consolidate a network of Stockholm Convention Regional Centres and strengthen the network of Basel Convention Regional Centres for the GRULAC region, thus optimizing the exchange of information, training and technology transfer.

# Organizational chart



# Facilities

The Coordinating Centre is entitled to enter into agreements through the LATU and has access to its administrative services, which enables the Centre to make any kind of acquisitions and contracts. It also has a special office for managing funds, allowing the required transparency in its management.



# Background – Implemented activities

- Technical Publications:
  - Guidelines for the Sound Management of Obsolete Pesticides (2004).
  - Guidelines for the Integrated Management of Hazardous Wastes (2005).
- GHS
  - Implementation in Uruguay, DVD on “Training in Chemicals Management in Uruguay” (2011). MVOTMA, MTSS (Ministry of Labor and Social Security), MSP (Ministry of Public Health), Workers Union.

Translation and graphic design services for the Basel and Stockholm Conventions technical documents.

Workshops on different subjects, e.g. Synergies, 2009.

# Background – Implemented activities

- Teleconferences.
- Surveys (compliance with the Conventions, information on mercury).



# Global Monitoring Programme (GMP) Project

**Project:** GEF 4030-09-07 4A77.

**Executing Agency:** UNEP Chemicals Branch.

**Regional Coordinator:** Basel and Stockholm Convention Regional Centre for Latin America and the Caribbean Region in Uruguay.

**Geographical Scope:** Antigua and Barbuda, Brazil, Chile, Ecuador, Jamaica, Mexico, Peru and Uruguay.

**Reference Laboratories:** CSIC Barcelona, Spain.

CVUA Freiburg, Germany.

**Funds:** USD 1,690,300 total for the Project.

USD 389,000 controlled by the Regional Centre.



# Objectives

- Build regional capacity on data analysis and generation for POPs in air and breast milk.
- Identify trends in POPs concentrations over time.
- Evaluate the effectiveness of the Convention implementation.
- Contribute to the global report to be submitted to the Conference of the Parties of the Stockholm Convention.

# Expected Outcomes

- SOPs for sampling and analysis of POPs in air and breast milk.
- Adequately equipped laboratories and trained personnel to undertake sampling and analysis.
- Participation in international intercalibration studies.
- Generation and availability of POPs data in the region.
- GRULAC Regional Report for the first effectiveness evaluation of the Stockholm Convention.
- Regional Workshops to prepare the monitoring plan and discuss final results.

# Activities carried out by the Centre

- Contact with FPs of participating countries and collaboration in the identification of involved stakeholders.
- Organization of the First Regional Workshop (November 4 - 6, 2009) for the preparation of the monitoring plan for the 12 participating countries in the region.
- Signature of agreements with 8 countries (MOUs).
- Effective communication with participants.
- Development of guidelines.
- Collaboration in the organization of the Final Regional Workshop held in Barcelona on March 21, 2011.

# Activities carried out by the Centre

- Creation of documents with pictures and coordinates of passive air samplers.
- Provision of information.
- Translations.
- Production of disseminating material on the project.
- Collaboration in the coordination of SAICM countries (Bahamas, Barbados, Cuba, Haiti).

# Breast Milk

- The regional SOP for breast milk, in English and Spanish, was developed based on the WHO Protocol and the sampling protocol made by FIOCRUZ.
- Collaboration with the WHO Reference Laboratory in sending sampling flasks.
- Collaboration with countries and the WHO Reference Laboratory in sending breast milk pools.

# Breast Milk



## Procedimiento operativo estándar para el muestreo de COP en leche materna

Proyecto PNUMA - FMAM  
Soporte en la Implementación del Plan de Monitoreo Mundial de Contaminantes Orgánicos Persistentes (COP) en los países de América Latina y el Caribe (ALC)  
GFLIPMS 3778

Julio de 2010



## Standard Operating Procedure for POP Sampling in Breast Milk

UNEP-GEF Project  
Project to Support the Implementation of the Global Monitoring Plan for Persistent Organic Pollutants (POPs) in the Countries of Latin America and the Caribbean (LAC)  
GFLIPMS 3778

July 2010



NETWORK of CENTRES  
Basel Conventen  
Latin America & the Caribbean  
Stockholm Conventen



# Air

- Coordination and control of the submission of passive air sampler PUFs.
- Collaboration in the correct display of passive air samplers.
- Development of guidelines for the management of PAS and documents with pictures and coordinates.


# Air



	<b>Instructivo para el uso de los captadores pasivos (PAS) según el cronograma establecido</b> Página 1 de 6	
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**Instructivo para el uso de los captadores pasivos (PAS) según el cronograma establecido**

Proyecto PNUMA- FMAM  
Soporte en la implementación del Plan de Monitoreo Mundial de Contaminantes Orgánicos Persistentes (COP) en los países de América Latina y el Caribe (ALC)  
GFL/PMS 3778




Elaborado por: Qca. Virginia Santana  Centro Regional del Convenio de Estocolmo Uruguay Fecha: 09/06/2010	Revisado por: Lic. Sandra Castro  Centro Regional del Convenio de Estocolmo Uruguay Fecha: 09/06/2010	Aprobado por: Dra. Heidelore Fiedler  PNUMA - Chile Fecha: 09/06/2010
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	<b>Guideline - Passive air samplers (PAS) management</b> Page 1 de 5	
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**Guideline for the passive air samplers(PAS) management**

Project UNEP GEF  
Supporting the implementation of the Global Monitoring Plan of Persistent Organic Pollutants (POPs) in Latin America and Caribbean States (LAC)  
GFL/PMS 3778

Done by: Qca. Virginia Santana  Stockholm Convention Regional Centre Uruguay Date: 11/05/2010	Reviewed by: Lic. Sandra Castro  Stockholm Convention Regional Centre Uruguay Date: 11/05/2010	Approved by: Dra. H. Heidelore Fiedler  UNEP - Chemicals Date: 12/5/2010
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## UNEP- GEF AIR MONITORING SITES



Clasificación del Área o zona de muestreo  
 Agricultura AG | Background BA  
 Industrial-urban IU | Rural RU | Urban UR

# Projects on Hg – Introduction

In February 2009, the Governing Council of UNEP agreed to start the negotiating process to develop a legally binding instrument on Mercury.

# Projects – Hg

- Minimization and environmentally sound management of mercury containing waste affecting most exposed populations in various economic, industrial and health sectors.

## ☐ **Project US EPA – Norway – BCCC LAC (2010-2011).**

- Period: 2010 – 2011.
- Financing: Norway and US-EPA.
- Coord./Adm.: Basel Convention Secretariat/BCCC LAC.
- Countries: Argentina, Costa Rica and Uruguay.
- Description:
  - During the implementation of this project, an industrial and/or medical waste inventory was made, and the basic requirements for a plan on the sound management of mercury waste were outlined, with an emphasis on waste minimization.

# Projects – Hg

- **Temporary storage and final disposal of mercury and its wastes.**
  - Period: 2011 – 2012.
  - Financing: Norway - UNEP-DTIE, Small-Scale Funding Agreement.
  - Coord./Adm.: BCCC LAC/BCRC Argentina.
  - Countries: Argentina and Uruguay.
  - Description: Design of a national plan for the proper storage and final disposal of surplus mercury (both as commodity or waste).
  - Status: Finalized.

Focus on the need of definitions for the trade of Hg and its waste at a national, regional and international level. Necessary legal aspects. Requirements of locations for the storage of waste with mercury or liquid mercury.



# Projects – Hg

- **Guidance on Best Industrial Practices in the Chlor-alkali sector.**
  - Period: April 2011.
  - Coord./Adm.: BCCC LAC/UNEP.
  - Countries: Uruguay.
  - Description: Diagnosis of the sector, improvement opportunities, Guidance on Best Environmental Practices.
  - Status: Finalized.

# Projects – Hg

- **Rational Management of Mercury-containing Products, particularly focusing on fluorescent lamps.**
  - Countries: Uruguay.
  - Funds: SAICM.
  - Period: 2011 – 2012.
  - Coord./Adm.: UNIDO/BCCC LAC.
  - Description: Diagnosis of the sector, inventory, improvement opportunities, legislation.
  - Status: Finalized.

# Projects – Hg

- **The Minamata Convention and its implementation in the Latin America and Caribbean region.**
- Survey on the challenges posed by the Minamata Convention in the GRULAC region.
  - Countries: GRULAC.
  - Funds: UNEP Panama (ROLAC) (USD 13,000).
  - Period: July 2013 – April 2014.
  - Coord./Adm.: BCCC-SCRC.
  - Description:
    - Data collection on the main uses of mercury: import/export of mercury and its products, etc. in LAC.
    - Consultation with stakeholders in different countries of the region.
    - Collaboration in disseminating obtained results in different events and media.

# Projects – Hg

**The Minamata Convention  
on Mercury**  
and its implementation in the  
Latin America and Caribbean Region



Basel Convention Coordinating Centre  
Stockholm Convention Regional Centre  
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**El Convenio de Minamata  
sobre el Mercurio**  
y su implementación en la región de  
América Latina y el Caribe



Centro Coordinador Convenio Basilea  
Centro Regional Convenio de Estocolmo  
Para América Latina y el Caribe

URUGUAY



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Latin America & the Caribbean  
Stockholm Convention

# Projects – Hg

- **Development of Inventories and Management Plans for Mercury in Latin America and the Caribbean.**

- Countries: GRULAC (Argentina, Ecuador, Peru, Nicaragua and Uruguay).
- Funds: GEF (USD 1,000,000).
- Period: July 2014 – April 2018.
- Coord./Adm.: BCCC-SCRC.
- Description:
  - Full inventory of Mercury (levels 1 and 2) in each participating country.
  - Development of national plans for the future monitoring of mercury levels in human beings and the environment. This tool will be used to study mercury reduction over time.
  - Development of action plans for mercury reduction (use and emissions), including short-, medium- and long-term measures.

# Projects – Hg

- **Development of Minamata Initial Assessments (MIAs) in Latin America and the Caribbean.**

- Countries: GRULAC (Bolivia, Chile, Dominican Republic and Paraguay).

- Funds: GEF (USD 1,000,000).

- Period: July 2014 – April 2018.

- Coord./Adm.: BCCC-SCRC.

- Description:

- Full inventory of Mercury (levels 1 and 2) in each participating country.

- Development of national plans for the future monitoring of mercury levels in human beings and the environment. This tool will be used to study mercury reduction over time.

- Development of action plans for mercury reduction (use and emissions), including short-, medium- and long-term measures.



# New Projects

## Legislation on SMC

- Capacity building for the Management of Chemicals in Uruguay for decision-making, and an effective implementation of policies ensuring cost-effectiveness for the Sound Management of Chemicals (SMC).
  - Countries: Uruguay.
  - Funds: UNEP.
  - Period: April – August 2013.
  - Coord./Adm.: UNEP/BCCC LAC.
  - Description:
    - Diagnosis of the legal infrastructure for managing chemicals, including financial aspects.
    - Development of a business plan to address Government needs regarding the legal aspects for managing chemicals.
    - Guidelines for the development of a legal infrastructure, and cost indicators for the SMC life cycle management.

# New Projects

## Nano-safety Pilot Project

- Capacity building on nano-safety focusing on the management of waste generated under these processes.
  - Countries: Uruguay.
  - Funds: UNITAR.
  - Period: March 2012 – March 2013.
  - Coord./Adm.: UNITAR/BCCC LAC.
  - Description:
    - Diagnosis of the legal infrastructure for managing waste in the area of nanotechnology.
    - Guidelines for the development of a legal infrastructure, and cost indicators for the management of nanotechnology waste, in order to duplicate the experience in the GRULAC region.

# New Projects

- **en.lighten**

- Country: Uruguay.
- Funds: UNEP.
- Period: 2012 – 2013
- Coord./Adm.: BCCC LAC.
- Description: To assist countries in accelerating the transition to efficient and sustainable lighting by:
  - Promoting efficient and high-performance lighting technologies in developing countries.
  - Developing a global strategy to phase-out incandescent lighting products.
  - Identifying energy alternatives for the lighting sector from sources that do not use fossil fuels.

# New Projects

- **Capacity Building on Hazardous Waste and Promotion of Best Available Technologies and Best Environmental Practices (BATs and BEPs).**

- Training in Hazardous Waste.

- Countries: GRULAC.

- Funds: UNEP/BRS Secretariat.

- Period: September 2013 – October 2014.

- Coord./Adm.: BCCC-SCRC.

- Description:

- Promotion of environmentally sound treatment of hazardous and other wastes, including best available technologies and best environmental practices (BATs & BEPs).
- Update of the Guidelines for the Integrated Management of Hazardous Wastes (English and Spanish).
- Development of a survey to collect information on the state of the art of waste management in the region.
- Training courses.

# Future Activities

- Duplication of projects, such as: Nano-safety, Legislation on SMC, Mercury Inventories.
- WEEE Management (mobile phones).
- Update of NIPs for the Stockholm Convention in LAC.
- NIPs for the new Convention on Mercury.
- GMP Phase II.
- en.lighten Initiative.
- Green Customs (assisting the Secretariat).





# Thank you!

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<http://www.ccbasilea-crestocolmo.org.uy/es>



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