



**Voluntary Coalition of governments and relevant  
organizations for the progressive closure of dumpsites in  
Latin America and the Caribbean**

Buenos Aires, Argentina, 10<sup>th</sup>-11<sup>th</sup> September 2019

**MEETING REPORT**

FINAL DRAFT 26.09.2019

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## **1. INTRODUCTION**

The Coalition was established as a follow-up to Decision 1 on Chemicals, marine litter and waste management, which was adopted at the XX Meeting of the Forum of Ministers of Environment of Latin America and the Caribbean (Buenos Aires, 9<sup>th</sup> – 12<sup>th</sup> October 2018), where countries of the region agreed to make the necessary efforts to strengthen the integrated solid waste management, developing the necessary policies and strategies to phase-out the unsound waste management practices, including dumpsites and open burning.

In addition, UN Environment was invited to promote the establishment of a voluntary coalition of governments and other relevant organizations, with the objective to develop a roadmap for the progressive closure of landfills and the effective transition towards the integrated waste management in the region, including the development of technical and financial guidelines, taking into account the different realities of the region, and promoting the exchange of good practices and experiences.

In this context, UN Environment invited all governments in the region and other organizations to express interest to be part of the Coalition and to designate focal points. Nominated focal points were invited to join a constitutive meeting that took place on 10<sup>th</sup> – 11<sup>th</sup> September 2019, in Buenos Aires, Argentina. Thereon, in Annex I, is included a list of government focal points nominated to date.

The meeting was preceded on September 9<sup>th</sup> by an International Conference on Integral Organic Waste Management organized jointly with the Association for Solid Waste Studies of Argentina (ARS/ISWA).

### **Goals of the meeting**

The aim of the meeting was to:

- 1) Define the specific objectives of the Coalition, as well as the scope of the work to be developed and its possible organizational structure.
- 2) Promote a first exchange of experiences about dumpsites closure programs in different countries of the region, and the work developed by different organizations.
- 3) Agree on an action plan for the development of a roadmap for the progressive closure of dumpsites, and other related actions, such as the development of technical and financial guidelines, training, and pilot projects.

The agenda of the workshop is included in Annex II.

### **Participants and Organization**

The meeting took place at the premises of ISALUD University and was organized by the UN Environment Latin America and the Caribbean Office, with the support of the Argentine Association for Solid Waste Studies (ARS/ISWA) and the Basel Convention Coordinating Centre (BCCC-SCRC) from Uruguay.

Around 20 persons were part of the event, including government focal points from Argentina, El Salvador, Guatemala, Panama, Dominican Republic, Suriname, and Uruguay, as well as representatives from other organizations such as ARS, BCCC/SCRC, ABRELPE/ISWA, BID, CAF, UIM, PAHO/WHO, and CCAC. The list of participants is included in Annex III.

## **2. DEVELOPMENT OF THE MEETING**

The meeting was organized in three sessions, including a technical visit.

### **Session 1: Introduction and background**

In this first session, a summary about the Waste Management Outlook for Latin America and the Caribbean was presented by Atilio Savino, chief editor, stressing that final disposal of waste is the dominant way of waste management (90% of the waste generated), and that a third of them, around 145,000 tons per day, are still destined to dumpsites.

After an introduction of the background, goals and expected results of the meeting, it took place an exchange among the participants about the situation in their respective countries concerning dumpsites closure programs. Some of the information shared by government focal points is summarized below.

- Argentina: the issue of landfills is still a challenge of the nation: actually, 61% of the population is covered by sanitary landfills, and ongoing interventions are expected to raise the coverage to 75%. Waste and BCA management is the responsibility of the municipalities, however, provision of technical and financial assistance from the National State is fundamental. No dumpsites inventory is available. They are working on a regionalization plan. For the effective implementation of regional systems of waste management, it is essential to work on the consolidation of consortiums of municipalities and provinces, which requires developing consensus. Importance of social inclusion of waste pickers, as well as communication and awareness-raising issues.
- El Salvador: it is necessary support at municipal level, where the focus is mostly devoted to daily needs and municipalities have a high rate of indebtedness. They have endured challenges on the regionalization due to opposition to locate final disposal sites. Training, communication and awareness-raising are essential. Importance of anticipating the operational phase of infrastructures, as some landfills have become dumpsites because of this type of deficiency. To date, 141 dumpsites have been inventoried at a national level. In 2017 an ultimatum was expressed for its technical closure.
- Guatemala: the management of landfills is the responsibility of municipalities, but it is necessary the collaboration at all levels. In the country, 2313 illegal landfills have been identified; 33% have been closed in cooperation with local authorities. They are promoting a joint approach to the new installations. It has been required a technical closure of the landfill in Guatemala City, due to an accident. This has created challenges with the waste pickers (“guajeros”). The government has developed basic guidelines and a certificate training in waste sorting, oriented to this sector. The national solid waste policy is available, but for some time they are working on the adoption of general law on waste.

- Panama: the landfill of the capital city occupies about 120 hectares and serves more than 1,500,000 residents, receiving around 2200 tons per day of waste from two of the most densely populated capital districts (Panamá y San Miguelito). It presents weaknesses in its operation, affecting surrounding communities. As part of its basic health program, the Sanitation Authority makes the diagnosis of dumpsites at a national level and has determined the necessary closure of three of them (Boquete, Agua Dulce, and Penonomé), being fundamental in proposing efficient solutions. Recently, legislation prohibiting the use of plastic bags in stores came into force. There are initiatives from the private sector to recover generated waste, as used tires.
- Dominican Republic: a total of 350 dumpsites have been inventoried and geo-referenced. Little progress has been made in its technical closure. The current operations on these sites are rather basic because they do not have sanitary landfills. La Duquesa is the main landfill, which receives 4,000 tons per day. It has been released the “Dominicana Limpia” program, which includes integrated management of waste and dumpsites closure, with interventions in several municipalities. Since 2010, they are working in a general law of waste.
- Suriname: a baseline project has recently been completed. The country generates almost 200,000 tons per year (40% organic matter). At present, they are discarded in dumpsites but exist the intention to convert to sanitary landfills. Also, they are being evaluated for options of energy recovery. The Public Work Ministry is in charge of the collection and disposal of waste. Some of the main challenges include the lack of technical staff, the management of disposal sites (fires), the presence of waste pickers, or the availability of land for new facilities.
- Uruguay: the competences are defined at the municipal level (Departments), but ordinances developed from a sanitation perspective have not been updated. It is ongoing the approval of a national law of integrated waste management, which will consolidate the distribution of competences and create instruments to facilitate the financial sustainability of waste management, the integration of waste pickers, move forward to the formalization of management and the strengthening of urban waste management. Only two of the 19 Departments are sanitary landfills. It is required to promote regionalization, although it raises certain challenges.

Various organizations also expressed their interest and support to the Coalition. The Pan American Health Organization (PAHO/WHO) described the important links between this topic and aspects related to health, particularly concerning the population that operates or is directly exposed to the landfills. The Unión Iberoamericana de Municipalistas (UIM) manifested its interest to collaborate, particularly from the perspective of capacity building in the municipalities and the exchange of knowledge.

The Climate and Clean Air Coalition (CCAC) presented the synergies with the work they are carrying out concerning the reduction of short-live climate pollutant emissions in the waste field, including capacity building actions and pilot projects also related to dumpsites closure. The Inter-American Development Bank (IDB) pointed out that this initiative fits within the actions that they are already implementing in order to support countries in the improvement of the integrated waste management, including the closure of dumpsites in Argentina. Also, the Latin American Development Bank (CAF) described modalities of support to countries of the region, including non-refundable technical cooperation resources, financing of basic infrastructure and strengthening of governance structures.

The Basel Convention Coordinating Centre, together with the focal point of Argentina, reported about recent developments within the framework of the Basel Convention Partnership on Household Waste, identifying possible synergies, such as the development of technical guidelines. The International Solid Waste Association (ISWA) and ARS presented the program they have promoted at international level for the closure of the biggest dumpsites in the world, and the roadmap document developed in this regard.

## **Session 2: Goals and scope of the work of the Coalition**

This session was interactive with a view to agree on the main objectives of the Coalition. For this purpose, the mandate expressed in Decision 1 of the XXI Forum of Ministries of Environment was taken into consideration, as well as the remarks of the different focal points.

The agreed objectives are set out below:

1.

During this session, the possible scope and the elements of the roadmap were also preliminarily discussed. It was identified the possibility to include gradual goals of the dumpsite's closure until a certain year, e.g. 2030, including also the goal to make available some type of baseline at an early stage. The roadmap could be a short document for its consideration by the Forum of Ministries, followed by annexes with more technical content.

## **Session 3: Action Plan and Organizational Structure**

In this session, the participants discussed the modalities of participation and possible organizational structure of the Coalition. These points were accorded on the **Coalition Framework Document**, which is included in **Annex IV** of the present report.

The Framework establishes that the Coalition will be comprised by representatives of governments of the region of Latin America and the Caribbean, as well as representatives of other relevant organizations. UN Environment will provide Secretariat support.

Also, it sets the conformation of a **Steering Committee**, with the role to coordinate, guide, support and follow up the activities of the Coalition, as well as to facilitate the mobilization of resources. The Committee shall be composed of eight (8) members, being the majority the focal points from governments. The governments that expressed their interest to be part of this Committee were: Argentina, El Salvador, Guatemala, Suriname, and Uruguay. Regarding the other organizations, the UIM also expressed its interest, just like ISWA and ARS, subject to consideration by the rest of the group. CAF and other organizations indicated that they would consult accordingly.

The group also identified other possible organisms to be invited, such as the Interamerican Sanitary and Environmental Engineering Association (AIDIS), or the Regional Initiative for Inclusive Recycling (IRR)/Avina Foundation.

Regarding the **Action Plan**, its structure was defined, which will be linked to the four (4) agreed goals of the Coalition. Then, the participants worked on groups, and different activities and milestones were identified for each of the objectives. The document, which is attached in Annex V, will be completed during the following weeks in consultation with all the focal points.

### Technical visit

The meeting included a visit to the facilities of the CEAMSE company, which was created by the province of Buenos Aires and the City of Buenos Aires for the integrated management of urban solid waste in the metropolitan area (equivalent to about 14 million people). This included a guided tour of the sanitary landfill area, leachate treatment facilities, biogas energy recovery, composting plant, and mechanical biological treatment (see Annex VI).

### 3. NEXT STEPS

As a result of the meeting, the next steps were agreed:

- Elaborate the draft meeting report for review.
- Circulate the final documents of the Coalition Framework document and Objectives.
- Inform all focal points about the composition of the Steering Committee and confirm the nominations of the other organizations.
- Invite other organizations to be part of the Coalition.
- Edit the draft Action Plan and circulate to all focal points for comments (until 30<sup>th</sup> September) and development of the final version.
- Convene an initial meeting of the Steering Committee (tentatively the 3rd week of October 2019).
- Report about the progress of the Coalition at the next Intersessional Meeting of the Forum of Ministries of Environment (Bridgetown, Barbados, 5-6<sup>th</sup> November 2019) encouraging other governments to join the Coalition.
- Take advantage of the next opportunities for the dissemination of the Coalition's work, such as the ISWA 2019 Congress in Bilbao.

#### ***Annex I – Government Focal Points nominated to date***

<b>Country</b>	<b>Name</b>	<b>Institution</b>	<b>Nomination date</b>
Argentina	Magalid Cutina	Secretariat of Environment and Sustainable	2 Sep 2019

		Development – Head of Cabinet of Ministers	
Cuba	Gladys Goicochea Cardoso	Ministry of Environment	22 Jul 2019
Ecuador	Karina Maribel Barrera Moncayo	Ministry of Environment	15 Jul 2019
El Salvador	Ivania Avendaño	General Director of Citizen and Institutional Attention – Ministry of Environment and Natural Resources	23 Jul 2019
Guatemala	Otoniel Barrios	Vice-Minister of Environment – Ministry of Environment and Natural Resources	16 Jul 2019
Honduras	César Flores	Ministry of Environment	12 Jul 2019
Panama	Miguel Flores	Environmental Verification and Performance Division – Ministry of Environment	16 Jul 2019
Dominican Republic	Ana Hernández	Direction of Solid Waste – Ministry of Environment and Natural Resources	1 Aug 2019
Suriname	Janet Van Klaveren	Cabinet of the President of the Republic of Suriname-Coordination Environment	19 Jul 2019
Uruguay	Marisol Mallo Alterna: Gabriela Medina	National Direction of Environment – Ministry of Housing, Land Management and Environment	11 Jul 2019

### ***Annex II - Agenda***

**PROGRAM DAY 1 (Tuesday 10 September 2019)**



<b>Session 1: Introduction and background.</b> In this first session, the participants will have a first background approach of this initiative and will exchange experiences about landfill closure programs in the region.	
8:30 –9:00	Registration
9:00 – 09:20	Welcome Remarks <i>Un Environment</i> ARS/ISWA – Association for the Study of Residues of Argentina Secretariat of Environment and Sustainable Development
9:20 – 09:30	Presentation of the participants
09:30 – 10:00	<b>Current situation</b> of the waste management and final disposal in the region – <i>Atilio Savino, ARS</i>
10:00 – 10:30	<b>Background, overview of the initiative, goals and expected results</b> of the meeting – <i>Jordi Pon, UN Environment</i>  <i>Answers and Questions</i>
10:30 – 10:50	<b>Coffee Break</b>
10:50 – 12:00	Presentation of initiatives or programs for the closure of dumpsites in the region. - <i>Experiences of participating countries</i>
12:00 – 13:00	<b>Initiatives and perspectives of the Coalition’s potential partners organizations.</b> - <i>ISWA/ABRELPE/ARS</i> - <i>CCAC - Climate and Clean Air Coalition</i> - <i>Development Banks (BID, CAF, etc.)</i> - <i>PAHO/WHO</i> - <i>Ibero American Municipalists Union (UIM)</i> - <i>Basel Convention Coordinating Centre</i> - <i>CEAMSE</i>
13:00 – 14:15	<b>Lunch</b>
<b>Session 2: Objectives and scope of the Coalition’s work.</b> In this session the participants will define the specific objectives of the Coalition and possible areas of work.	
14:15 – 14:45	Definition and validation of the Coalition’s specific objectives: <ul style="list-style-type: none"> <li>• <i>Develop a Roadmap for the progressive closure of dumpsites and the effective transition to integrated waste management in Latin America and the Caribbean.</i></li> <li>• <i>Development of technical and financial guidelines</i></li> <li>• <i>Training and promotion of good practices and exchange of experiences</i></li> </ul>
14:45 – 16:15	Interactive session  (a) <i>Possible elements of the Roadmap</i>  <i>To map the necessities of the roadmap’s components to be developed by the Coalition, it is proposed a presentation of the ISWA roadmap and the Brasilia case as reference, followed by a work session among</i>

	<p>participants in order to identify: ¿What are the main barriers for the landfills closure in the region?¿What are the elements that will allow them to set against for the progressive closure? Possible elements of a regional roadmap.</p> <p>(b) Identification of other possible areas of work of the Coalition, such as:</p> <ul style="list-style-type: none"> <li>- <i>Development of inventories/baseline</i></li> <li>- <i>Development of technical and financial orientations</i></li> <li>- <i>Training and promotion</i></li> <li>- <i>Pilot projects</i></li> </ul> <p>Identification of existing related initiatives, necessary resources, partners, ...</p>
16:15 – 16:30	Coffee Break
16:30 – 17:00	Coalition Framework: Identification of the main elements and organizational structure of the Coalition.
17:00 – 17:30	Summary of the day and logistical aspects of the Day 2 Program

<b>PROGRAM DAY 2 (Wednesday 11 September 2019)</b>	
<b>Technical visit: visit the North III Environmental Cluster (CEAMSE)</b>	
8:00 – 9:00	Departure and transfer (from ISALUD)
9:00 – 11:30	Guided tour to the installation of the cluster (Biogas Plants, TMB, Leachate Treatment, Composting Plant)
11:30 – 12:30	Return to the meeting place
12:30 - 13:30	<b>Lunch</b>
<b>Session 3: Action Plan and organizational structure.</b> In this session, the participants will define an Action Plan for the roadmap development, as well as the areas of work, agreed in previous sessions. Also, it will be established coordination mechanisms of the Coalition and Terms of Reference	
13:30 – 14:15	Members and partners of the Coalition <ul style="list-style-type: none"> <li>- <i>Governments</i></li> <li>- <i>Organizations</i></li> <li>- <i>Other initiatives</i></li> <li>- <i>Accession procedure</i></li> </ul>
14:15 – 14:45	Possible coordination structure of the Coalition <ul style="list-style-type: none"> <li>- <i>Coordination and monitoring body</i></li> <li>- <i>Representatives</i></li> </ul>

	<ul style="list-style-type: none"> <li>- <i>Operation</i></li> <li>- <i>Secretariat</i></li> </ul>
14:45 – 15:30	Review of the Coalition Framework
15:30 – 15:50	Coffee Break
15:50 – 16:45	<p>Action Plan and next steps</p> <ul style="list-style-type: none"> <li>- <i>Actions</i></li> <li>- <i>Programming</i></li> <li>- <i>Resources</i></li> <li>- <i>Responsibles</i></li> </ul> <p>Expected results and identification of milestones (e.g. Intersessional Meeting of the Forum of Ministries – Barbados, 5-6 November F019; XXII Forum of Ministries, 2020).</p> <p>Upcoming meetings</p>
16:45 – 17:00	Summary and closure

## **Annex III – Lists of Participants**

### **Governments**

#### **ARGENTINA**

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### **Other Participants**

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## ***Annex IV – Framework of the Coalition***

### **Framework of the Voluntary Coalition of governments and relevant organizations for the progressive closure of dumpsites in Latin America and the Caribbean**

**FINAL DRAFT 11.09.2019**

#### **Context and purposes**

The Coalition was established as a follow-up to Decision 1 on Chemicals, marine litter and waste management, which was adopted at the XX Meeting of the Forum of Ministers of Environment of Latin America and the Caribbean (Buenos Aires, 9<sup>th</sup> – 12<sup>th</sup> October 2018), where the countries of the region agreed to make the necessary efforts to strengthen the integrated solid waste management, developing the necessary policies and strategies to phase-out the unsound waste management practices, including dumpsites and open burning. In addition, UN Environment was invited to promote the establishment of a voluntary coalition of governments and other relevant organizations, with the objective to develop a roadmap for the progressive closure of landfills and the effective transition towards the integrated waste management in the region, including the development of technical and financial guidelines, taking into account the different realities of the region, and promoting the exchange of good practices and experiences.

#### **Objectives of the Coalition**

1. **Develop a roadmap** for the progressive closure of landfills and the effective transition to integrated waste management in Latin America and the Caribbean
2. Promote the development, adaptation, and dissemination of **guidelines**, including technical, social, environmental and economic aspects, considering existing work and in coordination with other initiatives.
3. Facilitate the **strengthening of capacities and exchange of information**, experiences and good practices about policies, instruments, related projects, and funding opportunities.
4. Promote **awareness raising** on the importance of the sound management of waste at all stages of their life cycle, and the consequence of their inadequate management.

#### **Members**

- The Coalition will comprise the focal points nominated voluntarily by governments in the region. The nomination will be made through formal notifications by governments to the Secretariat of the LAC Forum of Ministers Ministers, which is in the UNEP Regional Office for Latin America and the Caribbean.
- Other stakeholders, such as international organizations, regional or national, intergovernmental institutions, and other potential stakeholders, related to the scope and

purpose of the Coalition, may directly submit their formal request for membership to the Coalition or may be recommended by any participant. All membership requests will be duly evaluated by the Steering Committee of the Coalition, considering a balance on the number of stakeholders to be engaged and the themes that they will be supported, and will be informed to all governmental focal points.

- The participation in the Coalition is voluntary and each stakeholder can be, individually, establish the scope of its contribution to the work of the Coalition.
- UN Environment will contribute as Secretariat to the Coalition.

### **Structure**

- *Steering Committee*
  - The Steering Committee will be established as a body to coordinate, guide, support, and follow-up on the activities of the Coalition, as well as to facilitate resource mobilization.
  - The Committee will be comprised by eight (8) members, with a majority of government focal points, and promoting a sub-regional and sectoral balance.
  - The governments and organizations interested to join the Steering Committee shall submit their formal expression of adherence through the Secretariat.
  - The members of the Steering Committee will be nominated for two years.
  - The Steering Committee will have a Chair and a Vice-chair, to be elected among the government focal points, who with the support of the Secretariat, will convene and lead the meetings of the Committee; as well as coordinate the communication with the other stakeholders of the Coalition.
- *Secretariat*
  - The network will be supported by the Secretariat of the LAC Forum Ministers, which is in the UNEP Regional Office for Latin America and the Caribbean, including the following functions:
    - i. To support the development of the meetings of the Steering Committee and other meetings of the Coalition.
    - ii. To prepare a Work Plan, regarding the activities of the Coalition, in consultation with the focal points for their approval.
    - iii. To support the implementation of programs and other activities of the Coalition, in accordance with the Work Plan, and subject to the availability of resources.

### **Work Plan**

- The Coalition will develop a Work Plan in accordance with the agreed objectives, including the development of the Roadmap, as well as possible actions for capacity building, technical assistance and information exchange.

- For the implementation of the activities included in the Work Plan, specific working groups can be established.

**Other operational aspects**

- The members of the Coalition will meet periodically using virtual media. Face-to-face meetings may be established subject to the availability of resources.
- English and Spanish will be the working languages of the Coalition, recognizing that there are several languages in the region. Efforts will be made to ensure that all documents related to the Coalition are circulated in both languages.
- Without prejudice to the mandate and decisions adopted by the Forum of the Ministers, this Framework document may be modified at any time by the Steering Committee, in consultation with all focal points.



### **Annex V – Draft Work Plan**

<b>Objective 1: Develop a road map for the progressive closure of landfills and the effective transition to integrated waste management in Latin America and the Caribbean</b>					
<b>Action</b>	<b>Activity</b>	<b>Milestones</b>	<b>Period</b>	<b>Responsibles/Partners</b>	<b>Resources Required</b>
1.1 Develop the Roadmap	1.1.1 Define the elements and structure of the roadmap	The structure has been agreed by the focal points of the Coalition	4T 2019	Drafting Subcommittee/Steering Committee/Focal Points/ISWA/ABRLPE	
	1.1.2 Develop the Draft 0 (including the compilation of current situation information)	The draft includes basic information on the dumpsites's situation in the region and the main steps, considerations and goals.	2T 2020		
	1.1.3 Regional consultation	The roadmap incorporates comments of different countries and organizations.	3T 2020		
	1.1.4 Develop the final draft	Document completed for submission	3T 2020		
1.2 Submit and disseminate of the roadmap	1.2.1 Prepare a draft Decision for consideration by the XXII Forum of Ministers of Environment	The draft Decision for the approval of the roadmap has been circulated for focal points comments.	4T 2020		
	1.2.2 Submit in the XXII Forum of Ministries of Environment	The roadmap and its annexes are approved by the Forum of Ministers	4T 2020 / 1T 2021		
	1.2.3 Dissemination of the roadmap	The roadmap has been disseminated to countries and organizations.	2021		

**Objective 2.** Promote the development, adaptation, and dissemination of **guidelines**, including technical, social, environmental and economic aspects, considering existing work and in coordination with other initiatives.

Action	Activity	Milestones	Period	Responsibles/Partners	Resources required
2.1 Develop guidelines	2.1.1 Identify and compile guidelines for the progressive dumpsites closure and the effective transition towards integrated waste management. These guidelines should ensure the uniformity of the language and technical definitions and take into account the post-closure phase.	Guidelines has been identified and complied	4T2019	Steering Committee Focal Points	
	2.1.2 Analyze the guidelines compiled from the region	Guidelines have been analyzed	1T2020	Drafting Subcommittee	
	2.1.3 Prioritize according to the need of the region the development of guidelines according to the desired approach	It has been identified the needs of the region to the start of the guideline's development.	2T2020	Steering Committee Focal Points	
	2.1.4 Develop guidelines based on the priorities identified in the region	Development of the draft proposals.	3T2020	Drafting Subcommittee External consultants	
	2.1.5 Regional Guidelines Consultation	The guidelines incorporate comments from different countries, and organizations	3T2020/4T2020	Steering Committee Focal Points	
	2.1.6 Elaborate the final development of the guidelines	Consensus document for its presentation	4T2020	Drafting Subcommittee External consultants	
	2.1.7 Submit to the Forum of Ministers	Guidelines received by the Forum of Ministers	4T2020/1T2021	Steering Committee	
	2.1.8 Elaborate the dissemination strategy	Document produced	1T2021	External consultants	

	2.1.9 Encourage and promote the use of the reference guidelines	Defined guidelines disseminated to countries and organizations	4T2021	Steering Committee Focal Points	
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**Objective 3:** Facilitate the **strengthening of capacities** and **exchange of information, experiences and good practices** about policies, instruments, related projects, and funding opportunities.

Action	Activity	Milestones	Period	Responsibles/Partners	Resources required
3.1 Develop a training and institutional strengthening plan	3.1.1 Identify through a survey of coalition countries, of training needs success stories/good practices and related environmental policies	Designed surveys. Training needs, case studies, and good practices identified.			
	3.1.2 Develop a training plan	Training plan developed			
	3.1.3 Identify and disseminate existing resources of training at different levels: degree, postgraduate degree, postgraduate diploma, etc., and in different modalities: on line, in person, etc. / align and/or influence its content.	Document of training offers published, which include mechanism for accessing scholarship applications, schedule, and course details.			
	3.1.4 Implement agreements with institutions identified in 3.1.3. in order to facilitate the access to scholarship and to be able to harmonize/adapt the needs contents of the coalition	Signed agreements			
3.2 Implement training and information exchange activities	3.2.1 Carry out the necessary coordination to implement webinars, workshops, study tours, online courses, etc.	Training activities implemented			
3.3 Promote the creation of a virtual platform for information exchange	3.3.1 Identify existing platforms within the framework of the Coalition's participants or others	Listing of virtual platforms			

	3.3.2 Design/Adapt and operate the platform	Signed agreements for the use and adaptation of the platform (if applicable). Virtual operating platform. User manual elaborated and disseminated.			
3.4 Facilitate access to financial sources	3.4.1 Identify funding opportunities/resources	List of financing opportunities			
	3.4.2 Disseminate and facilitate training actions on access to resources				

**Objective 4: Promote awareness raising** on the sound waste management at all stages of their life cycle and the consequence of their inadequate management

Action	Activity	Milestones	Period	Responsibles/Partners	Resources required
4.1 Disseminate at political level	4.1.1. Develop a communication document of political scope that includes an estimation of the costs that can be reached by the impacts generated to the environment and health by mismanagement.	Document produced	1T 2020		
4.2 Develop an outreach campaign	4.2.1. Define the topics that integrated the subject to be disseminated.	The specific working group defines the points on which it will work.			
	4.2.2 Develop a guidance document with the description of each point.	The document includes the development of the points.			

	4.2.3. Develop the TOR (terms of reference) to recruit the development of campaigns.	TOR to a campaign geared towards the population surrounding the landfill. TOR to a campaign geared towards the private or industrial sector. TOR to a campaign geared toward the general population.		Social actors such as ONG's or civil associations.	
	4.2.4. Disseminate the campaign among public agencies, institutions, the private sector and the population in general				
4.3 Develop of a curricular module for children to be included in pre-school and primary education	4.3.1. Develop the TOR (terms of reference) to recruit the development of the module.				Universities
	4.3.2. Promote the legal implementation of this module in the official curricula.	Debate in the Forum of Ministers			

**Annex VI – Technical visit**

