

# **QUESTIONNAIRE**

## **Sound management of waste lead-acid batteries (WLAB)**

### **BACKGROUND**

Lead is a cumulative toxicant particularly hazardous to young children and pregnant women. No safe level of lead exposure has been established. The estimated reduced cognitive potentials (loss of IQ points) due to preventable childhood lead exposure translates to \$142.3 billion of economic loss in Latin America and the Caribbean, \$699.9 billion in Asia and \$134.7 billion in Africa.

Batteries constitute more than 80% of the global demand of lead, and their production is rapidly increasing in developing countries. Improper recycling of used lead-acid batteries is causing major environmental pollution. The third session of the United Nations Environment Assembly in December 2017 adopted the resolution on “Eliminating Exposure to Lead Paint and Promoting Environmentally Sound Management of Waste Lead-Acid Batteries”. The resolution "requests the Executive Director, to continue assisting countries, in particular developing countries and countries with economies in transition, in their efforts to strengthen and enhance national, subregional and regional implementation of environmentally sound management of waste, subject to the availability of resources, including by providing further capacity-building with respect to waste lead-acid batteries to implement regulatory frameworks and programmes for recycling, and better track and trace shipments, in close cooperation with the Basel Convention Secretariat.”

In response to this resolution, UN Environment plans to undertake capacity building activities, to strengthen institutional capacity to address issues related to the health and environmental impact from waste lead-acid battery recycling.

In order to assess the status of waste lead-acid batteries (WLAB) in your country, we would be grateful if you could please respond to the attached questionnaire:

### **PURPOSE**

The purpose of this questionnaire is to find out the current status in your country in relation to different issues related to the sound management of waste lead-acid batteries (WLAB).

We would be grateful if you can return the completed questionnaire to email address:

[lead-cadmiumchemicals@un.org](mailto:lead-cadmiumchemicals@un.org).

Name:

Institution:

Email:

Tel:

Country:

**1. Are there lead-acid battery manufacturing facilities in your country?**

Yes. Please specify below       No

Name of the facility and contact details	Description of the facility, for example, batteries produced (automobile, genetic, industrial, motive or special)	Estimated Annual Output of the facility (in metric tons)

**2. Are there any formal/authorized waste lead-acid battery recycling facilities and/or companies involved in the pre-recycling steps (collecting, transporting, storing) operating in your country?**

Yes. Please specify below       No

Name of the facility and contact details	Description of the facility, for example, operation or process.	Estimated Annual Throughput of the facility (in metric tons)

**3. Are there any informal/unauthorized waste lead-acid battery recycling facilities and/or companies involved in the pre-recycling steps operating in your country?**

Yes. If possible, please provide an estimated number of informal lead-acid battery recycling facilities and their estimated annual throughput.

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No

**4. Are there any restrictions on the EXPORT of waste lead-acid batteries (WLAB) in your country?**

Yes. Please specify below       No

Title of the relevant legislation	Please attach code or full text of relevant legislation, if it's possible.

**5. Are there any restrictions on the IMPORT of waste lead-acid batteries (WLAB) in your country?**

Yes. Please specify below       No

Title of the relevant legislation	Please attach code or full text of relevant legislation, if it's possible.

**6. Are there any policy or regulatory measures taken to comply with appropriate standard and criteria for the control of Lead exposure, both occupational and environmental that apply to the sound management of waste lead-acid batteries (WLAB) about collecting, transporting, storing and recycling in your country? For example, national strategies, regulation, licensing requirements, take-back schemes, technical guidelines, economic instruments, cost recovery, formalization of informal sector, permissible levels of lead in blood and voluntary HSE (Health, Safety and Environment) measures taken by industry etc.**

Yes. Please specify below       No

It concerns (multiple choice possible):		Please attach codes or full texts of relevant legislation if it's possible.
<input type="checkbox"/>	Collecting	

<input type="checkbox"/>	Transporting	
<input type="checkbox"/>	Storing	
<input type="checkbox"/>	Recycling	
<input type="checkbox"/>	Disposal	
<input type="checkbox"/>	Others	

7. **Are there any documents in your country regarding the effects on human health and the environment from the generation, transportation, recycling and disposal (disposal under Basel Convention can include recycling) of waste lead-acid batteries?** *For example, studies, reports, statistics, etc.*

Yes. Please specify below       No

Title of the document	Author / Institution	Please attach the access to the document (Website, URL, etc.), if possible.

8. **Has there been any information exchange activities regarding the impacts of waste lead-acid batteries (WLAB) on human health and the environment in your country?** *For example, awareness raising forum, workshops, etc.*

Yes. Please specify below       No

Date and venue	Organizer	Please attach the access to the report of the event (Website, URL, etc.), if it is possible.

**9. Are there any incidents of inappropriate waste lead-acid batteries (WLAB) management in your country?** *For example, environmental contamination, population or occupational exposure.*

Yes. Please specify below       No

Date of the incident	Location	Description (amount of waste lead-acid batteries (WLAB), scale of environmental and adverse health impacts, measures taken, etc.). Please provide sources of this information, if it is possible.

**10. What are the specific needs of your country to achieve an environmental sound management of waste lead-acid batteries (WLAB)?** *Please select all that apply.*

- Technical and capacity building
- Technology
- Infrastructure

- Awareness raising
- National strategy
- Legislation/Regulation/Standards
- Public-private partnership
- Monitoring system
- Other, please specify: \_\_\_\_\_

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Thank you for completing the questionnaire.

We will advise you on the next steps based on the information that you have kindly provided.