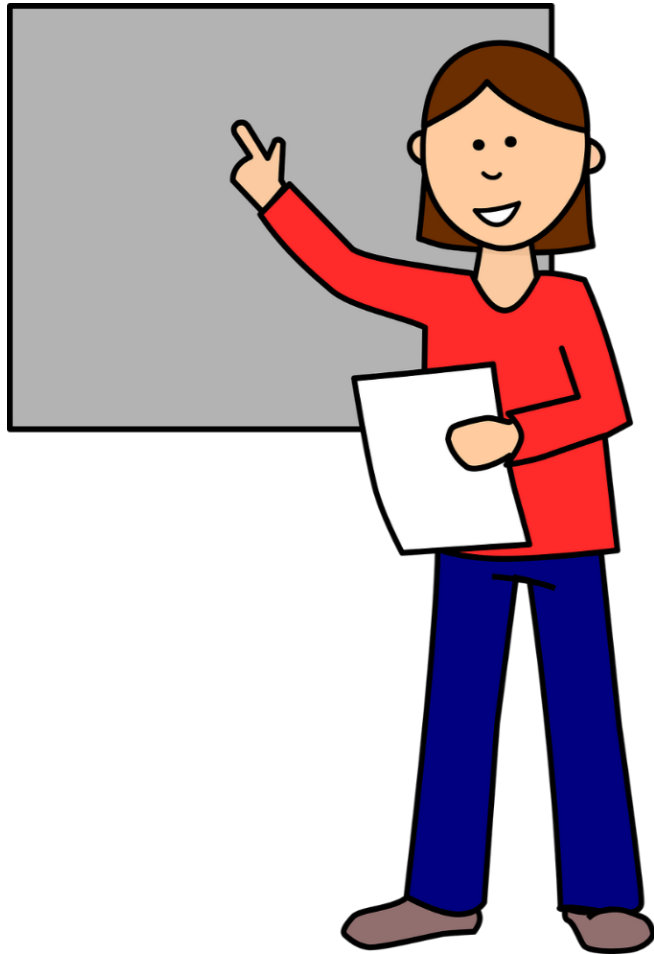


Regulatory Framework for the Management of Used/Waste Lead Acid Batteries in Trinidad and Tobago



Presented to: UNEP/PAHO/WHO/BCRC-C Webinar on the Sustainable and Environmentally Sound Management of Used Lead Acid Batteries in Latin America and the Caribbean
Date: October 23, 2020, 10:00 a.m. to 12:00 p.m. (AST), GoToWebinar

Overview



- Health and Environmental Impacts of ULABs/Lead Pollution in Trinidad and Tobago.
- Regulatory instruments for the Environmentally Sound Management (ESM) of ULABs.
- Statistics on local management of ULABs (2016 to 2019).
- Lessons Learnt and Next Steps.

Examples of Research conducted on the Impacts of Lead Pollution from Improper ULABs Disposal

- 1996. *Lead Pollution in East Trinidad resulting from Lead Recycling and Smelting Activities*. Terry I. Mohammed, Ivan Chang-Yen and Isaac Bekele. *Environmental Geochemistry and Health*: Volume 18, September 1996, Pages 123-128.
- 2006. *Blood Lead Levels In Primary School Children In Trinidad And Tobago*. Wayne S. Rajkumar, Jay Manohar, Rohit Doon, Avril Siung-Chang, Ivan Chang-Yen, Michele Monteil. *Science of The Total Environment*: Volume 361, May 2006, Pages 81-87.

Health and Environmental Impacts of ULABs/Lead in Trinidad and Tobago

Demerara Road Community Pond Area



Source: EMA



Source: EMA

Regulatory and policy Instruments for the ESM of ULABs

Environmental Management Act Chap. 35:05

Governs the EMA. Defines the regulatory regime which will protect, enhance and conserve the environment.

National Environmental Policy (2018)

Includes commitments to manage wastes and hazardous substances. NEP (2006) revised and approved in 2018.

Certificate of Environmental Clearance Rules 2001 (as amended)

DA 35: Solid waste disposal.

DA 36: Hazardous or toxic substance handling.

DA 37: Recovery, recycling or incineration.

Pollutant-Specific Regulations

Air Pollution Rules (2014)

Water Pollution Rules (2019)

Noise Pollution Control Rules (2001)

Waste Management Rules-pending.

Basel Convention

Controls import, export, transit of listed wastes.

In force since 1992. T&T acceded 1994.

National legislation pending.

Trade Ordinance 1958: Export Negative List

Administrator: Trade Licence Unit of the Ministry of Trade and Industry.

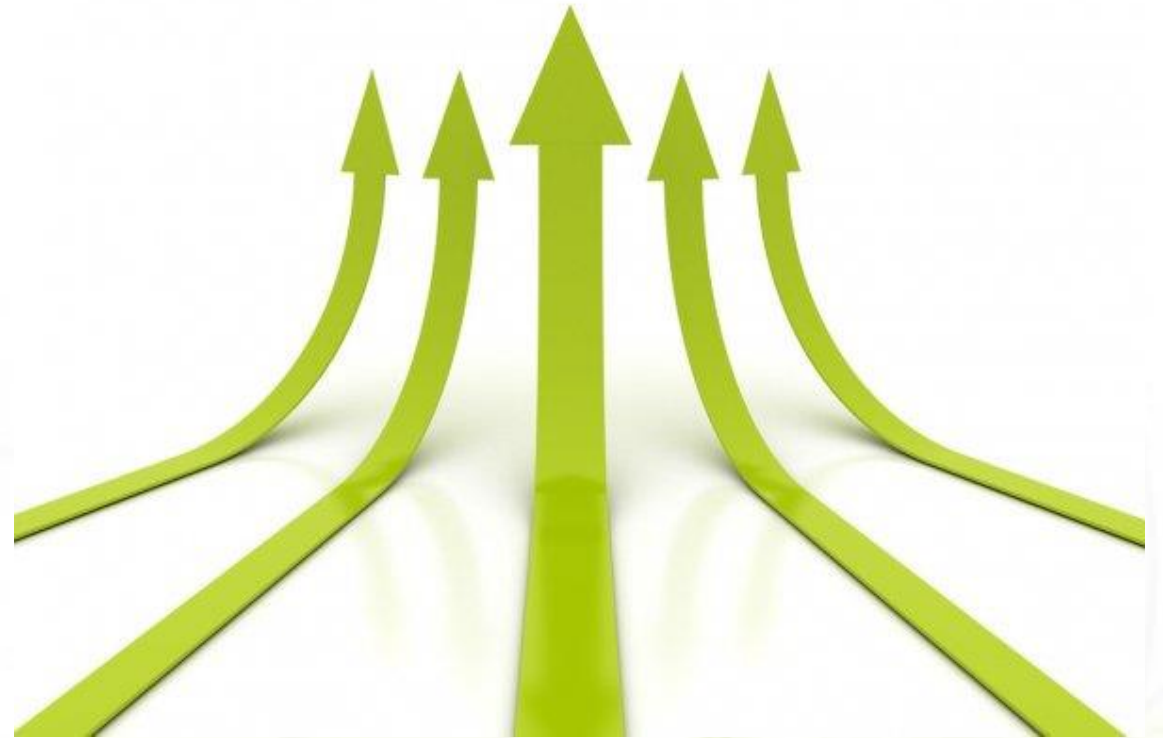
Approved Notification Document from the EMA required.

Available Statistics on ULABs Managed (2016 to 2019).

| | |
|---|------------------------|
| No. of active CECs for handling ULABs | 4 |
| No. of active CECs for manufacture and distribution of LABs | 0 |
| Quantity of ULABs generated | NA |
| Quantity of ULABs handled | NA |
| Quantity of ULABs imported | NA |
| Quantity of ULABs exported (2016-2018) | ~1,521.1 Metric Tonnes |

Lessons Learnt and Way Forward

- Poor ESM of ULABs proven to have detrimental human health and environmental impacts.
- Reporting requirements (data on ULABs generated and handled) can be improved through additional permit conditions and legislation.
- Greater collaboration among governmental entities required to identify and halt unregulated developments, and to establish a national management system for ULABs.
- Increased public education and awareness on the health impacts of poor ESM of ULABs.



QUESTIONS AND COMMENTS



If you have any questions or need clarification, please contact:

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