



NEW REPORT

Contribution of Spent Batteries to the Metal Flows of Municipal Solid Waste

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The scope of the current report is the evaluation of the contribution of spent batteries to environmental emissions of metals associated with the post consumer phase of batteries and particularly their emissions at the disposal phase of Municipal Solid Waste (MSW).

Based on measured emissions data and on calculated scenarios, the environmental contribution of different battery types (both primary and rechargeable batteries) to the overall emissions of nickel, cadmium, zinc and lead is evaluated.

The contribution of the different battery types to the overall anthropogenic metal emissions to air and water clearly indicate that for the metals considered, spent batteries **represent a minor contributor to overall metallic emissions** and that the general premise that spent batteries and accumulators may act as a major source of metals emissions (when compared to other sources) to the environment is not supported by measured and calculated data.

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