



**Approved baseline and monitoring methodology /
methodological tool clarification response form
(Version 03.0)**

INFORMATION TO BE COMPLETED BY THE SECRETARIAT OR PANEL / WG

Date and number of Panel / WG meeting:	N/A
Title/Subject of the request for clarification:	Clarification on including the recycling of additional materials under AMS-III.BA.
Reference number of the request for clarification:	SSC_821
Exact reference (number, title and version) of the methodology or methodological tool to which the request for clarification applies:	AMS-III.BA.: Recovery and recycling of materials from E-waste --- Version 3.0
Fast track or Regular track:	<input checked="" type="checkbox"/> Fast track <input type="checkbox"/> Regular track

Summary of the request for clarification

Original text from PP:

Brief summary of the project:

A recycling facility is into sorting, processing and recovering of metals and non-metals from used lithium ion batteries. The batteries are sorted by type separating regular mobile batteries from power banks and lithium polymer. They are then grounded very carefully adjusting speed and screen size for optimal release of materials. The materials are then separated using a gyratory shaker into different fractions based on size ranges. These fractions are then conveyed to an Air Classifier unit where it is further separated through a combination of air flow and density into individual fractions of Al, Cu, Ni, Plastics, Cobalt as lithium cobalt oxide (LCO) and Graphite. The recovered metals and non - metals will be sent to the end users or smelters.

Clarification:

As per para 2 of the Small - scale methodology AMS III BA-Recovery and recycling of materials from E-waste, version 03, it has been stated that "This methodology comprises collection and recycling activities of E-waste performed in dedicated facilities with the aim of recovering materials such as ferrous metals, non-ferrous metals and plastics." Further it has been stated in the footnote number 2 that "Other materials found in E-waste, such as glass, can be potentially recycled. Project participants are encouraged to submit a revision of this methodology to include additional materials proposing conservative default values for specific emission factors (or specific energy consumption) for the production from virgin raw materials".

Therefore, we wanted to get a clarification on whether **Nickel (Ni), a non-metal like Graphite and lithium cobalt oxide (LCO- not a pure form of cobalt)** can be included under this methodology since it can be recovered from used lithium-ion batteries.

Clarification by the secretariat or Panel / WG

The secretariat would like to thank the author for the submission and clarifies that the addition of new materials in the methodology shall be subject to a revision of the methodology following the most recent version of the procedure "[Development, revision and clarification of baseline and monitoring methodologies and methodological tools](#)".

When proposing the conservative default values for specific emission factors (or specific energy consumption) to produce the recycled materials from virgin inputs, project participants may refer to the approaches included in Appendix 2 and Appendix 3 applied for aluminium and steel and should provide details on how specific emission factors (or specific energy consumption) are determined.

Version(s) of the approved methodology / methodological tool to which the clarification is applicable:

AMS-III.BA.: Recovery and recycling of materials from E-waste --- Version 3.0

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Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
03.0	13 May 2016	Revised to include the row "Version(s) of the approved methodology / methodological tool to which the clarification is applicable"
02.0	18 July 2013	Revised to remove the row "Date and signature of the chair and vice chair of Panel/WG (in case of clarification by Panel/WG)"
01.0	4 July 2013	Initial publication. This document supersedes and replaces the following documents: <ul style="list-style-type: none"> • Recommendation Form for Small Scale Methodologies (F-CDM-SSCwg) (Version 01.1) • Recommendation Form for Small Scale A/R Methodologies and Procedures (F-CDM-SSC-AR) (Version 01.1)

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