

Agenda item 4.1.

Paragraph 23 of the annotated agenda

“AMS-III.BA.: Recovery and recycling of materials from E-waste”

CDM EB 125

Bonn, Germany, 11-13 June 2025



Procedural background

- The proposed revision of small-scale methodology AMS-III.BA was received on 06 August 2024 and deemed complete on 16 August 2024.
- The submission was assessed at MP 95 where the MP requested clarifications to the methodology proponent.
- At MP96 the MP considered the responses provided and at MP97, the MP agreed to recommend the revised methodology for approval by the Board.



Purpose

This methodology applies to activities recovering and recycling materials such as ferrous metals, non-ferrous metals, plastics (and glass) from e-waste.

The purpose of the revision is to include glass as material to be recovered and recycled, displacing the production of virgin materials.



The proposed revision is to include glass as material to be recovered and recycled. The revision includes:

- Application of a correction factor (B_i) based on the share of the production in non-Annex I countries. The value applied for glass is 0.67, consistent with the approved small-scale methodology AMS-III.AJ;
- Application of a specific energy consumption (SEC) for the production of raw materials displaced by the glass recycling. The value applied is 0.026 MWh/tglass, consistent with AMS-III.AJ.
- Baseline emissions for the production of glass from virgin materials:

$$BE_{glass,y} = Q_{glass,y} \times L_{glass} \times B_i \times SEC_{Bl,glass} \times EF_{el,PJ,y}$$

Key issues (2)

The MP noted that the values for the materials included in this methodology and in AMS-III.AJ are not representative of the most recent circumstances in the recycling sector, and would recommend that the Board provide a mandate to streamline both methodologies and ensure their consistency, including updating the default values.



The revised methodology will allow the estimation of emission reductions from the recovery and recycling of glass from e-waste, displacing the production of glass from virgin materials.



Recommendations to the Board

The MP recommends that the Board adopt the revised small-scale methodology.

