

Agenda item 4.1.

Paragraph 31 of the annotated agenda

Request for a mandate to revise ACM0003 “Partial substitution of fossil fuels in cement or quicklime manufacture”

CDM EB 102

Bonn, Germany, 25 to 28 March 2019



Procedural background

At EB101 (para 35), the Board requested the MP to revise the large-scale methodology “ACM0003: Partial substitution of fossil fuels in cement or quicklime manufacture to introduce reference to “TOOL16: Project and leakage emissions from biomass”, for consideration by the Board at a future meeting.

At MP78, the MP considered the proposed revision to ACM0003 and agreed to seek further mandate from the Board to analyse the approach for the project-specific fuel penalty, which the MP identified that the current provisions



Purpose

The purpose is to seek further mandate from the Board to analyse the approach for the calculation of the project-specific fuel penalty.



Key issues and proposed solutions

At MP78, the MP considered the proposed revision to ACM0003 and agreed to seek further mandate from the Board to analyse the approach for the project-specific fuel penalty, which the MP identified that the current provisions may be punitive under certain situations, and are restricting the application of the methodology.

Fuel penalty – *“A project specific fuel penalty is applied because the combustion of typically coarser biomass or other alternative fuels will reduce the heat transfer efficiency in the cement or quicklime manufacturing process. The use of alternative fuels will therefore require a greater heat input to produce the same quantity and quality of clinker or quicklime. The chemical content and ease of absorption into clinker or quicklime of all fuel ashes also differs, and this also contributes to the need for a project specific fuel penalty*



Impacts

The assessment of the current provisions for the calculation of the fuel penalty would allow the identification and solution of potential issues that may be punitive under certain situations, and are restricting the application of the methodology.



Subsequent work and timelines

The MP would begin work on the revision of ACM0003 at its next meeting and, in case the MP identifies issues to be addressed, a revised draft will be provided for consideration by the Board at a future meeting.



Recommendations to the Board

The MP requests the Board to provide the mandate to analyse the current approach for the calculation of the project-specific fuel penalty and, if appropriate, propose relevant revisions for the Board's consideration at a future meeting.

