

## Agenda item 4.1.

Paragraph 30(c) of the annotated agenda

# Revision to “TOOL30: Calculation of the fraction of non-renewable biomass”

**CDM EB 102**

Bonn, Germany, 25 to 28 March 2019



- EB 100 requested the MP to revise “**TOOL30: Calculation of the fraction of non-renewable biomass**” to simplify its application with regard to collection of data on biomass, taking into account feedback by users (i.e. the DNAs and PPs).
- **Stakeholder consultation:**
  - a) PD Forum provided inputs on 26 Sept. 2018;
  - b) MP77 prepared the draft revision, considering stakeholders’ inputs, and issued a subsequent call for public inputs (19 Oct. 2018);
  - c) PD Forum expressed full agreement and support with the new changes to the updated fNRB tool (01 Nov. 2018).

## Purpose

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The purpose of this revision is to simplify the requirements for calculation of the fraction of non-renewable biomass (fNRB).



## Defining “non-renewable biomass”

- ✓ Biomass harvested in excess of the landscape’s productive capacity is **non-renewable**.



- ✓ The **ratio of NRB to total consumption** or “fNRB”

$$\text{fNRB} = \frac{\left( \begin{array}{c} \text{one tree} \\ + \\ \text{one tree} \end{array} \right)}{\left( \begin{array}{c} \text{one tree} \\ \text{one tree} \\ \text{one tree} \end{array} \right)}$$

The diagram shows the formula for fNRB. The numerator is the sum of two trees, and the denominator is the sum of three trees.



## TOOL30 Calculation of the fraction of non-renewable biomass (fNRB)

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- TOOL is applicable to
  - a) By DNAs** to submit region/country-specific default fNRB values, following the SB procedure; or
  - b) By PPs** to calculate project or PoA-specific fNRB values
- Default: **30%**
- Procedure to estimate **consumption for woody biomass** (H and Bold, total)
  - a) Official statistics or reports or peer-reviewed literature;
  - b) Based on the number of households and other consumers of woody biomass
- Procedure to estimate **quantity of renewable biomass** (RB)
  - a) Estimates of the Mean Annual Increment of biomass (MAI) of the **forest areas**; and
  - b) Estimates of the MAI of **other wooded land areas**.
  - DNAs or PPs may consider the extent of **non-accessible area** (e.g. protected area where extraction of wood is prohibited, geographically remote area).



## Key issues and proposed solutions

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- The proposed revision makes the following changes:
  - a) Provide options of data sources** for parameters which could be used by DNAs and PPs to establish fNRB values;
  - b) Clarify the requirements on the data vintage** for parameters used in the calculation of fNRB values.
- Inputs received from stakeholders have been considered in preparing the draft revision.



## Impacts

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The proposed revision to the TOOL30 will provide further clarity as well as simplify the requirements for calculating the fNRB value.



## Recommendations to the Board

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The MP recommends that the Board adopt this draft revision, to be made effective at the time of the Board's approval.

